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STOPPING WATER POLLUTION AT ITS SOURCE

MISA

Municipal/Industrial Strategy for Abatement

STATUS REPORT

THE METAL MINING SECTOR

EFFLUENT MONITORING DATA

For the Period

February 1, 1990 to January 31, 1991

Ontario

Environment
Environnement

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MUNICIPAL-INDUSTRIAL STRATEGY FOR ABATEMENT (MISA)

STATUS REPORT
EFFLUENT MONITORING DATA
METAL MINING SECTOR

For the period
February 1, 1990 to January 31, 1991

Report Prepared By:

Water Resources Branch
Ontario Ministry of the Environment

MAY 1993

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EXECUTIVE SUMMARY

Only data collected during the period February 1, 1990 to January 31, 1991 are presented in this report. While a limited amount of the data were collected as "audit" samples by the Ontario Ministry of the Environment, most of the data were collected by or for the Ontario metal mining industry under Ontario Regulation 491/89 as amended to Ontario Regulation 44/90.

The data presented in this report are considered to accurately represent the general nature of effluents discharged by active properties within the sector for the period February 1, 1990 to January 31, 1991. Plants within the sample group accounted for more than 95 percent of production within the metal mining sector.

During the period February 1, 1990 to January 31, 1991, the Ontario metal mining industry processed approximately 100,000 tonnes of ore per day and discharged approximately 695,000 cubic meters (153,000,000 gallons) of wastewater per day.

Approximately 50 percent of the data collected during the period February 1, 1990 to January 31, 1991 were related to quality assurance/quality control procedures. Over 80,000 data points were directly related to effluent quality.

Effluents within the sector were analyzed for 150 parameters. After quality assurance/quality control procedures had been applied to the data, 42 parameters remained for further consideration.

Of the 42 parameters remaining for further consideration, 13 were metals such as copper, nickel and zinc; 9 were organics such as xylene, cresol, benzene and toluene; and 20 were conventional parameters such as suspended solids, ammonia, cyanide and chemical oxygen demand.

Not all parameters occurred at each property. Many of the conventional parameters were found in the effluents at most properties. Some metals, such as copper, were found at more than half of the properties in the sector. Chromium, on the other hand, was found at only one property.

Of the 9 organics found in sector effluents, chloroform, benzene and toluene were found at two properties each. Carbon tetrachloride, methylene chloride, meta, para and ortho xylene, 2-methylnaphthalene, naphthalene and meta and para-cresol were found at one property each.

The total annual loadings of the 9 organics found in metal mining sector effluents were as follows:

PARAMETER	KG/YEAR
toluene	40.7
meta and para cresol	25.0
ortho, meta and para xylene	22.7
carbon tetrachloride	12.5
methylene chloride	10.8
benzene	10.3
2-methylnaphthalene	8.4
naphthalene	6.5
chloroform	6.4

The total annual loadings of the 13 metals found in metal mining sector effluents were as follows:

PARAMETER	KG/YEAR
iron	100,000
nickel	59,000
zinc	40,900
copper	37,700
aluminum	33,100
molybdenum	6,370
cobalt	5,260
uranium	3,530
antimony	1,770
lead	1,470
cadmium	723
mercury	540
chromium	20

The total annual loadings of significant conventional parameters found in metal mining sector effluents were as follows:

PARAMETER	KG/YEAR
cyanide (total)	44,800
cyanide (weak acid dissociable)	13,300
cyanates (filtered)	34,800
thiocyanates (filtered)	848,000
ammonia plus ammonium	1,580,000
nitrate plus nitrite	1,930,000
suspended solids	2,110,000
dissolved solids	293,000,000
sulphates	153,000,000
chlorides	16,500,000
phenolics (4AAP)	1,840
arsenic	12,500
selenium	9,590
phosphorus	3,280
chemical oxygen demand	6,400,000

Wastewaters generated by the metal mining sector may be held for long periods of time before release to the environment. Retention times of six months to one year are common.

There were 69 sampling points listed in the Metal Mining Sector Effluent Monitoring Regulation as amended. However, due to factors such as the variable nature of operations within the industry, the number of sampling points at any one time during the monitoring period was closer to 50.

Plants monitored within the sector, in general, did not operate on a continuous basis throughout the monitoring period. In addition, many operating plants held wastes for varying lengths of time in order to make use of a waste treatment process termed "natural degradation". This has been a common practice within the industry for a number of years. In general, there is no effluent discharge while wastes are being held.

INTRODUCTION

The Municipal and Industrial Strategy for Abatement (MISA) is a regulatory program aimed at the virtual elimination of persistent toxic contaminants from all discharges into Ontario's waterways. This goal will be achieved by:

- identifying and measuring the discharge of toxic substances and conventional contaminants in order to build up a comprehensive data base on contaminants discharges across Ontario; and,

- increasing the emphasis on control technology through the application of Best Available Technology Economically Achievable (BATEA) to obtain greater reductions of pollution at source.

In the first phase of the program, effluent monitoring regulations required dischargers to monitor their point source effluents at regular intervals according to specific sampling, analytical, quality control and quality assurance protocols and procedures.

The second phase of the program involves the development and implementation of effluent limit regulations using the information gathered by the effluent monitoring regulation together with available information on Best Available Technology Economically Achievable.

This report summarizes information generated by the Metal Mining Sector Effluent Monitoring Regulation (Ontario Regulation 491/89).

SECTOR OVERVIEW

The Canadian Shield is one of the largest and richest mining areas in the world. A large portion of the Shield lies within the boundaries of the Province of Ontario.

Metal mining operations in Ontario follow two basic patterns: open pit and underground. Of the two, underground operations predominate. It is not unusual, however, for open pit mining to precede conventional underground mining at any particular property providing that the geology and ground conditions are suitable.

There are standard mining procedures but the varying shapes of orebodies and changeable geology result in no two mines ever being exactly the same.

Mines range all the way from the early prospect which may have only a single level with limited lateral workings to the deep and complex workings of mines that have been in production for many years. Many Ontario mines reach depths of over 1 kilometre and many Ontario mines have more than 100 kilometres of workings underground.

The data in this report are based on the Ontario Metal Mining Sector as it existed from February 1, 1990 to January 31, 1991. At that time, the Sector consisted of over 40 metal mining properties. This total included 3 inactive properties with operating mechanical treatment systems. The data in this report are based on approximately 50 direct discharges to the environment.

During the period February 1, 1990 to January 31, 1991, the Ontario Metal Mining Sector processed approximately 100,000 tonnes of ore per day and discharged approximately 695,000 cubic meters (153,000,000 gallons) of wastewater per day.

For the purposes of the Metal Mining Effluent Monitoring Regulation, the Metal Mining Sector was divided into the following subsectors:

- copper, lead, zinc, nickel
- gold
- iron
- salt (sodium chloride)
- silver
- uranium

At the time of writing (March, 1992), the salt subsector had been transferred to the Industrial Minerals Sector. No silver mines were operating and only one iron mine was operating. In addition, a public announcement had been made that all remaining uranium mines in the Province would be closing. As a consequence, at the time of writing, the Metal Mining Sector in Ontario consisted largely of copper, lead, zinc, nickel and gold operations.

The annual precipitation in the metal mining regions of Ontario consists of approximately 79 centimetres of rain and 285 centimetres of snow. Summer temperatures in excess of 25 degrees Celsius and winter temperatures below minus 30 degrees Celsius are common. It should be noted that most metal mines in the United States are located in arid or "rain shadow" regions.

Even though the industry discharged approximately 153,000,000 gallons of wastewater per day during the monitoring period, this amount of water represents only a small portion of the water that is actually used in the operations. Routinely, over 75 per cent of all water required at an Ontario mine/mill operation is obtained by recycling wastewater.

Natural water that percolates into a mine and the water that is deliberately pumped into a mine for use may come into contact with a variety of substances that can include reactive mineralized rock, mine-machinery lubricants, trace quantities of various explosives and rock fines. If mill water is used to convey tailings underground for use as backfill, the minewater may also carry traces of the various chemicals that are used in the milling of the ore. Minewater must be removed from the mine or the mine would flood.

Large quantities of water are normally used in the milling of Ontario ores. This water can come into contact with a variety of chemicals that are used to process the ore. This water, along with large quantities of finely divided waste rock (tailings), is directed to an impoundment area (tailings area). The solids settle out and remain in the tailings impoundment. Water that is not required for process activities is subjected to further treatment (if necessary) and then released to the environment.

Wastewaters generated by the Metal Mining Sector may be held for long periods of time before release to the environment. Retention times of six months to one year are common at large properties.

DESCRIPTION OF THE MONITORING PROGRAM

Monitoring data for the Metal Mining Sector were collected by the mining industry under Ontario Regulation 491/89 as amended to Ontario Regulation 44/90. Ontario Regulation 44/90 was filed with the Registrar of Regulations on January 26, 1990 and was published in the Ontario Gazette on February 10, 1990. Monitoring under this Regulation began on February 1, 1990 and was completed on January 31, 1991. The Regulation states that following this 12-month monitoring period, the industry is required to report to the Ministry of the Environment the results of all flow measurements and/or estimations and all chemical analyses required to be done on or after the first day of February, 1991 by an Approval given under Section 24 of the Ontario Water Resources Act within 90 days after making the measurement, estimation or analysis. This will continue until the promulgation of the Effluent Limits Regulation for the Metal Mining Sector.

Under the Metal Mining Effluent Monitoring Regulation, all effluents were placed into one of the following four categories:

Minewater Effluent

Underground and open pit mines may generate an effluent that is called "minewater effluent". In simple terms, minewater effluent is water that flows or is pumped from the mine workings. Water gains access to mine workings by percolating through surrounding rock, by its association with materials that may be required by the mining process itself and by its deliberate introduction into the mine for use in the mining process. To prevent the mine workings from flooding, this water must be removed from the mine. In some cases, this water is re-used in other processes and is not discharged directly to the environment. When re-use is not possible, this water is treated, if necessary, and then released to the environment.

Process Effluent

Many mining operations generate large amounts of finely divided waste rock called "tailings". Tailings are routinely transported in the form of a slurry of solids and water to a storage area called a "tailings area". The solids settle in the tailings area while the associated liquid in the area is allowed to leave the area and forms an effluent that is known in the industry as a tailings area decant. In the Effluent Monitoring Regulation for the Metal Mining Sector, a tailings area decant is known as a "process effluent". A tailings area decant is treated, if necessary, before being discharged to the environment. In

addition, a portion of the decant may be returned to the plant for re-use. The volume of a tailings area decant is normally directly related to the amount of water being used in processing at the plant and the amount of water being recycled. However, this volume is often augmented by natural precipitation gaining access to the tailings area and by any natural watercourses gaining access to the tailings area.

Smelter/Refinery Effluent

Most smelters and refineries in the Metal Mining Sector discharge their wastes to a tailings area or to a treatment facility associated with a tailings area. Here, the smelter/refinery effluents become subject to recycle and all the other treatment strategies that a tailings area decant may undergo and exit the area as a "process effluent". As such, the smelter/refinery effluent category is reserved for those smelter/refinery effluents that are not discharged to a tailings area or associated treatment facilities but are discharged directly to the environment with treatment (if necessary).

Storm Water Effluent

Storm water effluents in the Metal Mining Sector largely originate on inactive tailings areas that may cover hundreds of hectares. The effluent volumes are precipitation driven but can be augmented by natural sources of water such as springs and streams that may exist in the areas. Because of the large areas that are normally involved, storm water effluents in the Metal Mining Sector tend to be continuous effluents but this is not always so. Within the Metal Mining Sector Effluent Monitoring Regulation, storm water effluent is considered to be runoff from inactive tailings areas or from active plant areas such as parking lots and concentrate loading areas that is collected and, if necessary, treated before discharge to the environment. Storm water effluents should not include inputs of "process effluent", "smelter/refinery effluent" or "minewater effluent".

Unlike many other industrial sectors, cooling water effluents are only a minor component of Metal Mining Sector plant effluents. As such, cooling water effluents were not considered in the Metal Mining Sector Effluent Monitoring Regulation.

There were 69 sampling points listed in the Metal Mining Sector Effluent Monitoring Regulation as amended. However, due to factors such as the variable nature of operations within the industry, the number of sampling points at any one time during the monitoring period was closer to 50.

The total quantity of data collected during the 12-month monitoring period was as follows:

Type of Effluent Points	Number of Data Points
Smelter/Refinery Effluent	12,065
Minewater Effluent	18,367
Process Effluent	45,221
Storm Water Effluent	3,679
Quality Control	95,949
Ministry Audit	8,292
TOTAL	183,573

The cost to industry of the data collection under the Metal Mining Sector Effluent Limits Regulation was estimated to be in the range of 13 to 18 million dollars (Canadian).

The majority of samples taken under the Regulation were composite samples that consisted of 3 grab samples that were taken within an 8-hour period and then combined to form a composite sample. A large number of grab samples were also taken depending on the retention time of the wastes involved. A few samples taken were composite samples based on continuous sampling.

The frequency of sampling under the Metal Mining Sector Effluent Monitoring Regulation varied depending on factors such as the individual characteristics of the subsector or property involved. In general, however, sampling was carried out on a "three times per week", "monthly" and "quarterly" basis. Parameters that were placed in these categories, on a subsector or site-by-site basis, are as follows:

Three Times Per Week

pH, suspended solids, oil and grease, ammonia plus ammonium, total cyanide, weak acid dissociable cyanide, arsenic, copper, nickel, lead, zinc, and iron.

Monthly

Chemical oxygen demand, total kjeldahl nitrogen, nitrate plus nitrite, ammonia plus ammonium, dissolved solids, phenolics (4AAP), sulphates, cyanates, thiocyanates, phosphorus, arsenic, cadmium, cobalt, mercury, iron, chromium, copper, lead, zinc, vanadium, and uranium.

Quarterly

A standard list (the sector list) of 150 parameters.

An indication of the accuracy of the analytical procedures used during the monitoring period is given by the Regulation Method Detection Limit (RMDL). The RMDL for each parameter is given in Appendix 1 ("Comparison of Audit and Monitoring Data") and is found in the upper right hand corner on each specific parameter data sheet.

During the monitoring period, each direct discharger was required to measure or estimate the flow of each effluent stream at the time of sampling and at a location or set of locations representative of the flow at the sampling point. Methods, devices or calculations for the measurement or estimation of flow had to be capable of accuracy to within plus or minus 20 per cent of the actual flow. In addition, the Ministry of the Environment conducted audits of the methods, devices or calculations for the measurement or estimation of flow at selected properties.

Toxicity testing under the Metal Mining Sector Effluent Monitoring Regulation consisted of both the fish toxicity test (Rainbow Trout Acute Lethality Test) and the Daphnia magna Acute Lethality Test as outlined in the published protocols entitled:

- "Protocol to Determine the Acute Lethality of Liquid Effluents to Fish"; and,
- "Daphnia magna Acute Lethality Toxicity Test Protocol"

Both toxicity tests were run on a quarterly basis.

Quality assurance and quality control (QA/QC) include all of the procedures undertaken to ensure that data produced are within known probability limits of accuracy and precision. QA/QC was one of the most important aspects of the Metal Mining Sector monitoring program. Fifty percent of all data points generated were QA/QC data points. The QA/QC program included many small but essential activities ranging from proving the cleanliness of sample bottles; using proper sampling equipment, containers and preservatives; instrument calibration; validation of authenticity of standards; inclusion of blanks, spikes and controls in analytical runs; documenting performance; and, defining a method for reporting a final data number.

The Metal Mining Sector database is considered to accurately represent the general nature of effluents discharged by active properties within the Sector for the period February 1, 1990 to January 31, 1991. Sampling took place at all major plants within the Sector with the exception of a very small number of plants that were in the process of termination of activities. Plants within the sample group accounted for more than 95 per cent of mine production within the Sector. In general, sampling was not carried out at properties that generated an effluent flow of less than 50,000 litres (approximately 11,000 gallons) per day.

Plants monitored within the Sector, in general, did not operate on a continuous basis throughout the monitoring period. In addition, many operating plants held wastes for varying lengths of time in order to make use of a waste treatment process termed "natural degradation". This has been a common practice within the industry for a number of years. There is no effluent discharge while wastes are being held. Appendix 2 of this report gives the total number of days of effluent discharge during the monitoring period at each plant sampled under the Metal Mining Sector Effluent Monitoring Regulation.

MONITORING DATA EVALUATION

All analytical data obtained under the Metal Mining Sector Effluent Monitoring Regulation for the period February 1, 1990 to January 31, 1991 is summarized in various forms in the Appendices of this report. These data summaries are as follows:

APPENDIX 1

Comparison of Audit and Monitoring Data

The initial two pages of Appendix 1 give the Sector List (all parameters sampled during the monitoring period) and an Index to the pages within Appendix 1 that contain the monitoring and audit results for each parameter. In general, sampling, analysis and reporting were the responsibility of industry. The Ministry of the Environment, however, did take one or two "audit" samples during the sampling period at many properties. This "audit" data is reported along with the industry "monitoring" data in Appendix 1. In Appendix 1, "N" means the "number of samples" and "RMDL" means the "Regulation Method Detection Limit". The meaning of the remark codes associated with the audit data in Appendix 1 are explained in Appendix 3 (Data Quality Evaluation Report).

APPENDIX 2

Number of Days of Effluent Discharge

Appendix 2 indicates the total number of days in each month during the monitoring period that wastes were discharged at each property. The data are effluent specific.

APPENDIX 3

Data Quality Evaluation Report (12-Month Database)

Appendix 3 describes the QA/QC procedures that were applied to the final Metal Mining Sector database. All remark codes, QA/QC procedures and results are explained in detail. Table 1 (page 3) gives the total list of parameters selected for consideration in the Metal Mining Sector prior to data quality evaluation. In all, 58 parameters were selected. Table 6 (page 12) gives the final list of parameters selected after data quality evaluation procedures had been applied. Forty-two parameters are found in the final list.

APPENDIX 4

Summary of Flow Data

Appendix 4 is a summary of all flow data generated during the monitoring period (February 1, 1990 to January 31, 1991). All flows are given in cubic meters per day and are effluent specific. In Appendix 4, "N" means the "number of samples" that the data are based on. "C.V." means "coefficient of variance" (standard deviation divided by the mean) and is expressed as a percentage.

APPENDIX 5

Long Term Average (LTA) Concentration and Loading Tables

Appendix 5 is a summary of the concentrations (LTA) and loadings (LTA) for all selected parameters at each plant site on an effluent specific basis. Loadings are expressed as "average (LTA) loading (kg/day)" and "annual loading (kg/year)". In Appendix 5, an asterisk (*) near a parameter name indicates a QA/QC problem with the parameter. The nature of the problem is given in Appendix 3. In addition, Appendix 5 gives the total number of days of effluent discharge at the specific property involved.

APPENDIX 6

Monthly Average Concentration Plots

The initial page of Appendix 6 lists all plants for which monthly average concentration plots were carried out. Each plant has an assigned plant number (left side of initial page). Plots for an individual plant and for all effluents monitored at that plant are found under the appropriate plant number (upper left-hand corner of each sheet of plots). Plots are given for 16 key parameters for each effluent stream sampled. The numbers that appear above each point of each individual plot indicate the number of samples that the point is based on. The letters appearing below each plot (example: F M A M J JY) represent the months of the sampling period beginning with F (February, 1990) and ending with J (January, 1991). Horizontal "reference lines" have been drawn on some of the plots. These lines are drawn for convenience only and represent levels that are of interest to the Ministry of the Environment.

APPENDIX 7

Daily Concentration Plots

In Appendix 7, daily concentration plots are given for 8 key parameters for each effluent stream sampled. As in Appendix 6, plant identification, stream identification and plant numbers are given at the top and upper left corner of each page of plots. In the Metal Mining Sector, "daily" samples were not taken each day. Instead, "daily" samples were taken, in general, on three days in each week. On a week-to-week basis, the sampling days at any particular property were not always the same days. In the plots themselves, the data points tend to appear in groups of three points (reflecting the three times per week sampling schedules). Points within the same group (samples taken the same week) are connected by straight lines in the plots to clarify groupings. The horizontal "reference lines" that appear on all plots are the same reference lines that were used in Appendix 6. These "reference lines" are drawn for convenience only and represent levels that are of interest to the Ministry of the Environment.

APPENDIX 8

Loading Tables

Appendix 8 gives the total annual loadings (kg/year) for all selected parameters in the Metal Mining Sector. Total annual loadings are also given on a sub-sector basis and on an individual plant basis. With reference to Appendix 1, individual plants can be identified through their plant numbers and individual streams can be identified through their control point numbers.

All annual loadings given in Appendix 8 are based on the actual number of days of effluent discharge at each property in the sector. The number of days of effluent discharge at each property is given in Appendix 5.

APPENDIX 9

Listing of Dioxin and PCB Monitoring Data

Appendix 9 is a summary, for convenience, of all dioxin and PCB monitoring data generated under the Metal Mining Effluent Monitoring Regulation during the period February 1, 1990 to January 31, 1991. While this data is given in Appendix 1, Appendix 9 includes associated remark codes and comments.

APPENDIX 10

Acute Lethality Data for Ontario's Metal Mining Sector Effluents Covering the Period from February 1990 to January 1991

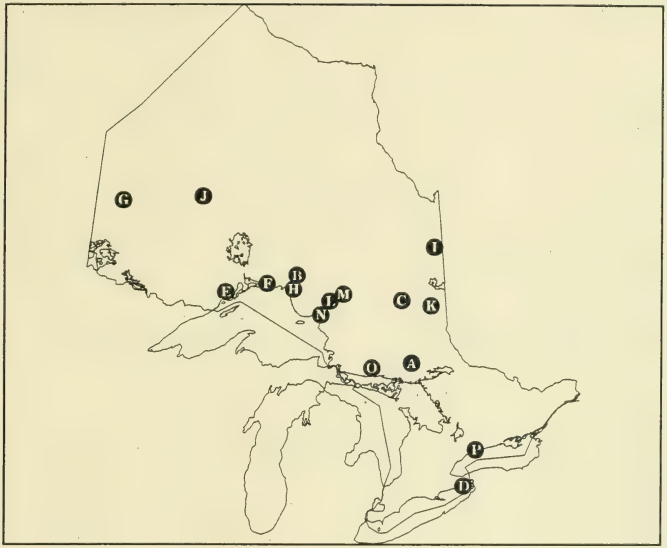
A report, with the above title, was produced by Westlake, Lee, Poirier, Abernethy and Mueller of the Aquatic Toxicity Unit of the Water Resources Branch of the Ontario Ministry of the Environment (July 1992). The "Summary" of the report is given in Appendix 10.

APPENDIX 11

Provincial Water Quality Objectives and Guidelines

Table 1 in the current edition of the Ontario Ministry of the Environment publication "Water Management" (revised May, 1984) lists the Provincial Water Quality Objectives and Guidelines that were available at that time. Since then, a number of additional Provincial Water Quality Objectives and Guidelines have been developed. The current version of Table 1 (July 1991) forms Appendix 11. In Appendix 11, PWQO means Provincial Water Quality Objective; PWQG means Provincial Water Quality Guideline and the word "Proposed" indicates that the candidate Objective or Guideline is currently undergoing external peer review and has not yet been approved by the Ministry of the Environment and could be revised.

LOCATION OF MINES



KEY

MAP REF.	LOCATION	PLANT	ITEM No.
A	SUDBURY*	COPPER CLIFF TREATMENT PLANT	01
A	SUDBURY	CREAN HILL MINE	02
A	SUDBURY	FALCONBRIDGE OPERATION SITE	03
A	SUDBURY	GARSON MINE	04
A	SUDBURY	LEVACK MINE	07
A	SUDBURY	LOCKERBY MINE	08
A	SUDBURY	NICKEL REFINERY	10
A	SUDBURY	NOLIN CREEK TREATMENT PLANT	11
A	SUDBURY	ONAPING MINE	12
A	SUDBURY	STRATHCONA MINE	15
A	SUDBURY	WHISTLE MINE	16
B	MANITOUWADGE	GECO MINE	05
C	TIMMINS	KIDD CREEK MINE	06
C	TIMMINS	KID METALURGICAL SITE	09
C	TIMMINS	BELL CREEK MINE	21
C	TIMMINS	DOME MINE	26
C	TIMMINS	ERG RESOURCES	29
C	TIMMINS	MARHILL MINE	35
C	TIMMINS	McDERMOTT MINE	36
C	TIMMINS	PARMOUR #1 MINE	39
C	TIMMINS	ST. ANDREWS GOLDFIELDS	45
D	PORT COLBOURNE	INCO REFINERY	13
E	THUNDER BAY	SHEBANDOWAN MINE	14
F	SCHREIBER	WINSTON LAKE MINE	17
G	RED LAKE	ARTHUR W. WHITE MINE	19
G	RED LAKE	CAMPBELL RED LAKE MINE	23
H	HEMLO	DAVID BELL MINE	24
H	HEMLO	GOLDEN GIANT MINE	30
H	HEMLO	WILLIAMS MINE	38
I	DETOUR LAKE	DETOUR LAKE MINE	25
J	PICKLE LAKE	DONA LAKE MINE	27
J	PICKLE LAKE	MUSKEGSAGAGEN LAKE MINE	37
K	KIRKLAND LAKE	EASTMAQUE GOLD MINE	28
K	KIRKLAND LAKE	MACASSA DIVISION	32
L	FINAN TOWNSHIP	KREMZAR MINE	31
L	FINAN TOWNSHIP	MAGNACON MINE	33
M	RENABIE	RENABIE GOLD MINE	42
N	WAWA	ALGOMA ORE DIVISION	48
O	ELLIOT LAKE**	DENISON MINES	51
O	ELLIOT LAKE	LACNOR/NORDIC MINE	52
O	ELLIOT LAKE	PANEL MINE	53
O	ELLIOT LAKE	PRONTO MINE	54
O	ELLIOT LAKE	QUIRKE MINE	55
O	ELLIOT LAKE	STANLEIGH MINE	58
O	ELLIOT LAKE	STANROCK MINE	59
O	ELLIOT LAKE	CAMECO NUCLEAR REFINERY	56
P	PORT HOPE	CAMECO NUCLEAR REFINERY	57

* SUDBURY/FALCONBRIDGE

** ELLIOT LAKE/BLIND RIVER

APPENDIX 1

COMPARISON OF AUDIT AND MONITORING DATA

MISA Metal Mining Sector
12 - Month Database
February 1, 1990 to January 31, 1991

Comparison of Audit and Monitoring Data – Index

ATG	Parameter	PAGE NUMBER
01	COD	1
02	Cyanide Total	2
03	Hydrogen ion (pH)	3
06	Total phosphorus	4
07	Specific conductance	
08	Total suspended solids	5
	Volatile suspended solids	
09	Aluminum	6
	Beryllium	7
	Boron	
	Cadmium	8
	Chromium	9
	Cobalt	10
	Copper	11
	Lead	12
	Molybdenum	13
	Nickel	14
	Silver	15
	Strontium	
	Thallium	16
	Vanadium	17
	Zinc	18
10	Antimony	19
	Arsenic	20
	Selenium	21
11	Chromium (hexavalent)	22
12	Mercury	23
13	Tetra–alkyl lead (Total)	
	Tri–alkyl lead (Total)	
14	Phenolics (4AAP)	24
15	Sulphide	
16	1,1,2,2–Tetrachloroethane	25
	1,1,2–Trichloroethane	26
	1,1–Dichloroethane	27
	1,1–Dichloroethylene	28
	1,2–Dichlorobenzene	29
	1,2–Dichloroethane	30
	1,2–Dichloropropane	31
	1,3–Dichlorobenzene	32
	1,4–Dichlorobenzene	33
	Bromodichloromethane	
	Bromoform	34

ATG	Parameter	PAGE NUMBER
16	Bromomethane	35
	Carbon tetrachloride	36
	Chlorobenzene	37
	Chloroform	38
	Chloromethane	39
	Cis–1,3–Dichloropropylene	40
	Dibromochloromethane	41
	Ethylene dibromide	42
	Methylene chloride	43
	Tetrachloroethylene	44
	Trans–1,2–Dichloroethylene	45
	Trans–1,3–Dichloropropylene	46
	Trichloroethylene	47
	Trichlorofluoromethane	48
	Vinyl chloride	49
17	Benzene	50
	Ethylbenzene	
	Styrene	51
	Toluene	52
	m–Xylene	
	m–Xylene and p–Xylene	53
	o–Xylene	54
	p–Xylene	
18	Acrolein	55
	Acrylonitrile	56
19	Acenaphthene	57
	Acenaphthylene	58
	1–Chloronaphthalene	59
	1–Methylnaphthalene	60
	2,4–Dinitrotoluene	61
	2,6–Dinitrotoluene	62
	2–Chloronaphthalene	63
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Comparison of Audit and Monitoring Data — COD — RMDL = 10 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	12	10	24	46	22	mg/L	
							36	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	10	9.6	14.5	32	32	mg/L	
							16	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	12	8	9	12	36	16	mg/L	
04 – INCO, Garson Mine	MW 0100	12	2	9.6	9.6	12	10	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	12	27	41	59	46	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	11	9	21.1	35	22	mg/L	
07 – INCO, Levack Mine	MW 0100	11	7	9.6	12	30	10	mg/L	
08 – Falconbridge, Lockerby	MW 0100	11	9	9	20	46	20	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	12	12	16.7	37	110	24	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	12	4	9.6	9.6	14	8	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	2	9.1	9.6	17	6	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	8	9	17.5	48	16	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	9	9.6	17.5	40	20	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	12	11	9.6	14	24	20	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	5	9	10	49.3	6	mg/L	
16 – INCO, Whistle Mine	MW 0100	8	5	9.6	12	22	20	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	8	10	24	31	30	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	11	11	41	47	65			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	40	48	50			
24 – Teck – Corona, David Bell Mine	PR 0100	9	6	8	14	30	22	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	12	12	35	62	470	34	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	11	11	20	29	43			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	5	35.7	50.9	57.9	54	mg/L	
28 – Eastmaque Gold Mines	PR 0100	13	13	10	14.3	23.1	18	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	40	78.5	117			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	5	5	15	15	27	6	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	4	5.2	14.4	18	22	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	12	10	10	22	148	20	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				38	mg/L	
35 – Canamax, Marhill Mine	MW 0100	12	8	1	11	19			
36 – American Barrick, McDermott	PR 0100	3	3	40	73	80	62	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	10	43	64	80			
38 – LAC Minerals, Williams Mine	PR 0200	5	5	10	14	18	22	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	2	2	20	20	20			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	10	12	19	41.9			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	20	24	28			
42 – Renabie Gold Mines	PR 0100	8	8	16	27.3	84.5	26	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	5	64	68	127	68	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	5	2	1	10	41	6	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	8	9.1	12	26	16	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	7	9.1	12	64			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	4	9.1	9.1	47	6	mg/L	
53 – Rio Algom, Panel	SR 0100	12	8	9.1	27.5	63	4	mg/L	<T
54 – Rio Algom, Pronto	SW 0100	5	3	9.1	12.1	27			
55 – Rio Algom, Quirke	PR 0100	12	7	9.1	11.5	74	6	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	9	150	175	306	169	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0300	9	0	5	5	9			
57 – Cameco, Refinery, Port Hope	SR 0100	8	0	5	5	9.8	10	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	8	1	5	5	10			
58 – Rio Algom, Stanleigh	SR 0100	12	8	9.1	12.5	38	4	mg/L	<T
59 – Denison Mines, Stanrock	SW 0100	11	3	9.1	9.1	29	6	mg/L	

Comparison of Audit and Monitoring Data — Cyanide Total — RMDL = 0.005 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	111	0.005	0.011	0.074	0.006	mg/L	
							0.01	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.005	0.005	0.005	0.01	mg/L	
							0.002	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	95	73	0.005	0.007	0.022	0.001	mg/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.005	0.005	0.005	0.003	mg/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	142	35	0.001	0.001	0.324	0.021	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	3	1	0.005	0.005	0.006	0.002	mg/L	<T
07 – INCO, Levack Mine	MW 0100	4	1	0.005	0.005	0.015	0.008	mg/L	
08 – Falconbridge, Lockerby	MW 0100	94	53	0.005	0.006	0.017	0.003	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	156	156	0.015	1	7.32	0.003	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	1	0.005	0.005	0.008	0.001	mg/L	<W
12 – Falconbridge, Onaping	MW 0100	95	66	0.005	0.009	0.018	0.009	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
15 – Falconbridge, Strathcona	PR 0100	156	63	0.005	0.005	0.018	0.001	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	1	0.005	0.008	0.011	0.004	mg/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	2	0	0.005	0.005	0.005	0.002	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	136	134	0.005	0.133	0.757			
21 – Canamax, Bell Creek Mine	PR 0100	41	41	0.064	0.146	1.07			
24 – Teck – Corona, David Bell Mine	PR 0100	110	110	0.008	0.054	1.92	0.19	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	157	154	0.005	0.027	0.374	0.03	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	78	78	0.01	0.0445	0.8			
27 – Placer Dome, Dona Lake Mine	PR 0100	60	14	0.004	0.004	0.042			
28 – Eastmaque Gold Mines	PR 0100	156	139	0.005	0.0735	0.877	0.2	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	18	18	0.009	0.0555	0.98			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	20	20	0.021	0.0935	0.412	0.031	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	47	47	0.007	0.036	0.08	0.029	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	158	147	0.005	0.115	42.8	0.004	mg/L	<T
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.088	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	0	0.005	0.005	0.005			
36 – American Barrick, McDermott	PR 0100	22	22	0.006	0.01	0.015	0.011	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	134	134	0.013	0.04	0.089			
38 – LAC Minerals, Williams Mine	PR 0200	47	47	0.029	0.078	0.661			
38 – LAC Minerals, Williams Mine	MW 0100	1	1	0.041	0.041	0.041			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	94	0.005	0.0225	37.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	21	0.005	0.0965	0.987			
40 – Giant Yellowknife, P–S	MW 0100	16	4	0.005	0.005	0.347			
42 – Renabie Gold Mines	PR 0100	84	84	0.01	0.623	15.7	0.099	mg/L	
45 – St. Andrews Gold Fields	PR 0100	61	61	0.009	0.059	0.35	0.24	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	2	1	0.005	0.005	0.005	0.002	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	1	0.0005	0.0025	0.022	0.008	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0005	0.00075	0.001			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0005	0.001	0.002	0.001	mg/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.001	0.001	0.003	0.001	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0005	0.0005	0.001			
55 – Rio Algom, Quirke	PR 0100	4	4	0.005	0.023	0.053	0.004	mg/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	4	0.55	0.775	1.7	0.71	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0005	0.001	0.001	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0005	0.001	0.001			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0005	0.001	0.001			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0005	0.00075	0.001	0.001	mg/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0005	0.001	0.002	0.001	mg/L	<W

Comparison of Audit and Monitoring Data — Hydrogen ion (pH)

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156		9.4	9.98	10.9	9.93		
01 – INCO, Copper Cliff T.P.	PR 0100						9.35		
02 – INCO, Crean Hill Mine	MW 0100	157		8.78	10	11.3	2.51		
02 – INCO, Crean Hill Mine	MW 0100	0					9.22		
03 – Falconbridge, Falconbridge	PR 0100	156		5.81	6.75	8.28	7.62		
04 – INCO, Garson Mine	MW 0100	157		8.47	10.1	11.4	9.63		
05 – Noranda Minerals, Geco Division	PR 0100	142		8.36	9.22	10.7	8.87		
06 – Falconbridge, Kidd Creek Mine	MW 0100	148		8.02	10.9	12.4	10.9		
07 – INCO, Levack Mine	MW 0100	148		3.46	9.63	11.9	9.09		
08 – Falconbridge, Lockerby	MW 0100	155		6.25	7.19	8.89	7.39		
09 – Falconbridge, Metallurgical	PR 0100	157		8.04	11	12.8	10.7		
10 – INCO, Refinery, Sudbury	SR 0100	157		8.99	9.91	10.9	9.5		
11 – INCO, Nolin Creek T.P.	SW 0100	12		8.94	10.2	11	9.8		
12 – Falconbridge, Onaping	MW 0100	155		8.8	9.69	11.7	9.31		
13 – INCO, Refinery, Port Colborne	SR 0100	155		9.26	10.4	11.5	9.99		
14 – INCO, Shebandowan Mine	PR 0100	153		6.55	7.38	8.33	7.71		
15 – Falconbridge, Strathcona	PR 0100	156		5.96	7.37	10.6	10		
16 – INCO, Whistle Mine	MW 0100	89		5.92	9.14	12.1	7.05		
17 – Minnova, Winston Lake Mine	PR 0100	101		6.48	7.8	9.37	7.3		
19 – Dickenson, Arthur W. White Mine	PR 0100	136		6.88	7.45	8.31			
21 – Canamax, Bell Creek Mine	PR 0100	42		7.07	7.49	7.84			
24 – Teck – Corona, David Bell Mine	PR 0100	110		7.12	7.43	7.89	7.47		
25 – Placer Dome, Detour Lake Mine	PR 0100	157		6.45	7.43	8.65	8.02		
26 – Placer Dome, Dome Mine	PR 0100	78		6.8	7.47	8.31			
27 – Placer Dome, Dona Lake Mine	PR 0100	60		7.2	7.4	7.8	7.75		
28 – Eastmaque Gold Mines	PR 0100	156		6.15	7.02	8.05	7.85		
29 – Giant Yellowknife, ERG Res.	PR 0100	18		6.82	7.45	7.81			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	69		1.7	7.68	8.4	7.54		
31 – Canamax, Kremzar Mine	PR 0100	47		6.82	7.4	12	7.96		
32 – LAC Minerals, Macassa Division	PR 0100	158		6.05	7.74	8.82	8.29		
33 – Muscocho, Magnacon Mine	PR 0100	0					6.65		
35 – Canamax, Marhill Mine	MW 0100	156		7.31	8.16	8.4			
36 – American Barrick, McDermott	PR 0100	22		6.78	7.12	7.45	7.57		
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	135		5.6	7.06	7.7			
38 – LAC Minerals, Williams Mine	PR 0200	65		7.29	7.69	8.14	7.67		
38 – LAC Minerals, Williams Mine	MW 0100	24		8.6	9.7	9.95			
39 – Giant Yellowknife, Pamour #1	PR 0100	116		6.02	7.62	11.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	22		6.7	7.41	7.61			
40 – Giant Yellowknife, P–S	MW 0100	16		7.44	7.74	8.26			
42 – Renabie Gold Mines	PR 0100	85		7	8.1	9	7.97		
45 – St. Andrews Gold Fields	PR 0100	61		5.91	7.59	9.73	8.19		
46 – Algoma Steel, Ore Division	PR 0100	76		4.93	8.72	11.2	8.74		
51 – Denison Mines, Denison Property	PR 0100	158		6.5	7.3	9.9	7.74		
51 – Denison Mines, Denison Property	SW 0200	12		6.8	7.2	8			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12		7.5	8.4	9.5	8.46		
53 – Rio Algom, Panel	SR 0100	145		4.9	8	9.3	8.39		
54 – Rio Algom, Pronto	SW 0100	6		7.7	9.2	9.7			
55 – Rio Algom, Quirke	PR 0100	147		4.8	7.4	9.31	7.34		
56 – Cameco, Refinery, Blind River	SR 0300	97		4.7	7.4	8.7	7.56		
57 – Cameco, Refinery, Port Hope	SR 0300	103		3.53	8.18	8.61			
57 – Cameco, Refinery, Port Hope	SR 0200	102		7.21	8.18	8.74			
57 – Cameco, Refinery, Port Hope	SR 0100	101		7.44	8.15	8.7	8.26		
58 – Rio Algom, Stanleigh	SR 0100	144		6.1	7.35	9.8	8		
59 – Denison Mines, Stanrock	SW 0100	12		6.8	7.75	9.3	7.85		

Comparison of Audit and Monitoring Data — Total phosphorus — RMDL = 0.1 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	0	0.038	0.059	0.078	0.04	mg/L	<T
							0.02	mg/L	<T
02 – INCO, Crean Hill Mine	MW 0100	12	0	0.02	0.032	0.06	0.02	mg/L	<T
							0.02	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	12	1	0.03	0.09	0.11	0.04	mg/L	
04 – INCO, Garson Mine	MW 0100	12	0	0.02	0.032	0.062	0.02	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	11	1	0.1	0.1	0.1	0.06	mg/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	11	0	0.01	0.012	0.03	0.02	mg/L	<W
07 – INCO, Levack Mine	MW 0100	11	0	0.022	0.044	0.064	0.02	mg/L	<T
08 – Falconbridge, Lockerby	MW 0100	11	3	0.04	0.1	0.12	0.02	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	12	0	0.01	0.01	0.08	0.02	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	12	0	0.022	0.0415	0.072	0.02	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	12	0	0.01	0.028	0.06	0.02	mg/L	<W
12 – Falconbridge, Onaping	MW 0100	10	4	0.05	0.1	0.18	0.02	mg/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	12	1	0.016	0.068	0.114	0.02	mg/L	<T
14 – INCO, Shebandowan Mine	PR 0100	12	0	0.014	0.0245	0.06	0.02	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	11	1	0.03	0.04	0.1	0.02	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	8	0	0.036	0.056	0.086	0.02	mg/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	8	0	0.045	0.1	0.1	0.04	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	11	4	0.01	0.01	0.56			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.115	0.12	0.127			
24 – Teck – Corona, David Bell Mine	PR 0100	9	2	0.01	0.1	0.17	0.02	mg/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	12	0	0.1	0.1	0.1	0.02	mg/L	<T
26 – Placer Dome, Dome Mine	PR 0100	11	0	0.1	0.1	0.1			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	1	0.032	0.05	0.101	0.02	mg/L	<W
28 – Eastmaque Gold Mines	PR 0100	13	3	0.05	0.06	0.3	0.04	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	0	0.06	0.08	0.1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	5	1	0.01	0.1	0.12	0.02	mg/L	<T
31 – Canamax, Kremzar Mine	PR 0100	5	0	0.01	0.01	0.032	0.02	mg/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	12	3	0.06	0.09	0.17	0.02	mg/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.02	mg/L	<T
35 – Canamax, Marhill Mine	MW 0100	11	1	0.021	0.055	0.101			
36 – American Barrick, McDermott	PR 0100	3	3	0.15	0.2	0.23	0.14	mg/L	
37 – Bond Gold, Muskegagagagagen Lake	PR 0100	10	4	0.01	0.048	0.2			
38 – LAC Minerals, Williams Mine	PR 0200	6	0	0.01	0.01	0.01	0.08	mg/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	2	2	0.26	0.315	0.37			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	10	0.1	0.455	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	0.54	0.72	0.8			
42 – Renabie Gold Mines	PR 0100	8	3	0.01	0.075	0.67	0.02	mg/L	<W
45 – St. Andrews Gold Fields	PR 0100	5	3	0.087	0.11	0.19	0.14	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.01	0.01	0.013	0.02	mg/L	<W
51 – Denison Mines, Denison Property	PR 0100	12	6	0.069	0.085	0.18	0.2	mg/L	<T
51 – Denison Mines, Denison Property	SW 0200	12	0	0.069	0.069	0.07			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	0	0.01	0.01	0.021	0.02	mg/L	<W
53 – Rio Algom, Panel	SR 0100	12	0	0.01	0.01	0.02	0.02	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	6	0	0.01	0.01	0.012			
55 – Rio Algom, Quirke	PR 0100	12	0	0.01	0.01	0.027	0.02	mg/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	0	0				0.2	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	0	0.069	0.069	0.09	0.08	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	9	4	0.069	0.07	0.24			
57 – Cameco, Refinery, Port Hope	SR 0300	9	2	0.069	0.069	0.4			
58 – Rio Algom, Stanleigh	SW 0100	11	0	0.011	0.019	0.037	0.02	mg/L	<T
59 – Denison Mines, Stanrock	SW 0100	12	0	0.069	0.069	0.09	0.02	mg/L	<W

Comparison of Audit and Monitoring Data — Total suspended solids — RMDL = 5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	155	139	3	14	149	15.4	mg/L	
							31.7	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	157	16	2	3	16	2.8	mg/L	
							1.4	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	156	24	1	3	15	3.5	mg/L	
04 – INCO, Garson Mine	MW 0100	157	138	3	8	53	8.3	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	142	90	5	11.5	185	7.1	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	71	1	4.2	48	12	mg/L	
07 – INCO, Levack Mine	MW 0100	148	105	3	8	102	5.6	mg/L	
08 – Falconbridge, Lockerby	MW 0100	155	3	1	1	9	2.2	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	155	98	1	7	117	5.8	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	157	49	3	4	17	1.8	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	12	11	4	15.5	87	2.9	mg/L	
12 – Falconbridge, Onaping	MW 0100	155	126	1	8	38	17	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	152	94	3	6	36	7.3	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	153	31	3	3	26	1.2	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	156	32	1	1	54	15	mg/L	
16 – INCO, Whistle Mine	MW 0100	88	56	3	9	65	4.9	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	100	66	1	8.75	97	7.4	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	136	93	5	5.8	24			
21 – Canamax, Bell Creek Mine	PR 0100	42	25	1	6	22			
24 – Teck – Corona, David Bell Mine	PR 0100	110	2	0.68	0.768	6.4	4.9	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	157	54	1.5	5	81	5.8	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	78	26	5	5	20.9			
27 – Placer Dome, Dona Lake Mine	PR 0100	60	3	0.7	1.5	5.7	6.4	mg/L	
28 – Eastmaque Gold Mines	PR 0100	156	78	4	5	102	23.9	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	18	13	5	8.5	20			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	70	43	1	8	114	2.8	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	47	6	1	2	22	1.99	mg/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	158	108	5	7	52	15.7	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				2.3	mg/L	<T
35 – Canamax, Marhill Mine	MW 0100	156	156	5	108	710			
36 – American Barrick, McDermott	PR 0100	22	4	1	2	7	6.6	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	135	36	2	3	25			
38 – LAC Minerals, Williams Mine	PR 0200	65	2	0.68	0.8	6.4	11.7	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	24	24	8	16.4	32			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	78	5	7	240			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	22	6	25	84			
40 – Giant Yellowknife, P–S	MW 0100	16	3	5	5	28			
42 – Renabie Gold Mines	PR 0100	85	33	0.5	4.3	14	4.4	mg/L	
45 – St. Andrews Gold Fields	PR 0100	61	55	2	15	165	17.8	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	78	41	1	5.3	26.7	4.4	mg/L	
51 – Denison Mines, Denison Property	PR 0100	158	127	4	6.5	23	13.8	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	1	4	4	7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	3	0.5	1.9	10	2.5	mg/L	
53 – Rio Algom, Panel	SR 0100	145	28	0.5	2.8	15	5.5	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	1	0.5	1.6	6			
55 – Rio Algom, Quirke	PR 0100	147	24	0.6	2.6	12.6	14.2	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	97	95	2	30	242	16.6	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	102	74	0.5	8	1900			
57 – Cameco, Refinery, Port Hope	SR 0300	101	70	5	8	150			
57 – Cameco, Refinery, Port Hope	SR 0100	100	66	5	8	140	23.1	mg/L	
58 – Rio Algom, Stanleigh	SR 0100	144	138	0.6	9.6	31.8	8.3	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	5	4	4	8	3.5	mg/L	

Comparison of Audit and Monitoring Data — Aluminum — RMDL = 0.03 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	1	0.009	0.02	0.175	0.12	mg/L	
							0.083	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.009	0.0115	0.023	0.05	mg/L	
							0.097	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	4	4	0.04	0.09	0.22	0.13	mg/L	
04 – INCO, Garson Mine	MW 0100	4	1	0.009	0.011	0.119	0.04	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	4	3	0.03	0.15	0.24	0.28	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	4	0.044	0.0955	0.236	0.045	mg/L	
07 – INCO, Levack Mine	MW 0100	4	1	0.009	0.0135	0.139	0.15	mg/L	
08 – Falconbridge, Lockerby	MW 0100	4	3	0.03	0.118	0.245	0.1	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	4	4	0.062	0.112	0.265	0.11	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	4	1	0.009	0.0095	0.534	0.12	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	4	4	0.042	0.206	0.559	0.14	mg/L	
12 – Falconbridge, Onaping	MW 0100	4	3	0.03	0.18	0.645	0.17	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	2	0.009	0.0315	0.119	0.08	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	4	4	0.041	0.101	0.136	0.13	mg/L	
15 – Falconbridge, Strathcona	PR 0100	4	4	0.11	0.188	0.39	0.13	mg/L	
16 – INCO, Whistle Mine	MW 0100	2	2	0.063	0.95	1.84	0.52	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	4	4	0.03	0.075	0.1	0.15	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	3	0.003	0.245	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	0.06	0.06	0.06			
24 – Teck – Corona, David Bell Mine	PR 0100	4	4	0.05	0.065	0.08	0.049	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	4	4	0.06	0.095	0.17	0.094	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	3	2	0.03	0.05	0.06			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	1	0.006	0.0365	0.067			
28 – Eastmaque Gold Mines	PR 0100	4	4	0.09	0.135	0.22	0.96	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	1	0.05	0.05	0.05			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	2	0.03	0.035	0.04	0.05	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	1	0.07	0.07	0.07	0.034	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	3	3	0.19	0.38	1.16	0.081	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1.1	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	4	0.46	1.44	10.5			
36 – American Barrick, McDermott	PR 0100	1	1	0.11	0.11	0.11	0.17	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	2	0.02	0.07	0.23			
38 – LAC Minerals, Williams Mine	PR 0200	2	2	0.05	0.05	0.05			
38 – LAC Minerals, Williams Mine	MW 0100	1	1	0.17	0.17	0.17			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	4	0.08	0.14	0.27			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	0.45	0.45	0.45			
42 – Renabie Gold Mines	PR 0100	3	2	0.003	0.15	0.19	0.14	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	1	0.1	0.1	0.1	1.2	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	2	2	0.265	0.328	0.39	0.19	mg/L	
51 – Denison Mines, Denison Property	PR 0100	4	4	0.11	0.245	0.41	0.39	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	3	0.022	0.042	0.064			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	4	0.07	0.125	0.2	0.22	mg/L	
53 – Rio Algom, Panel	SR 0100	4	4	0.14	0.215	0.56	0.46	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	3	0.22	0.28	0.28			
55 – Rio Algom, Quirke	PR 0100	4	4	0.13	0.355	0.87	0.73	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.009	0.0545	0.19	0.031	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	4	0.052	0.16	0.24	0.4	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	4	3	0.02	0.172	0.34			
57 – Cameco, Refinery, Port Hope	SR 0300	4	4	0.078	0.205	0.62			
58 – Rio Algom, Stanleigh	SR 0100	4	4	0.84	1.2	1.8	1	mg/L	
59 – Denison Mines, Stanrock	SW 0100	4	4	0.11	0.2	1.2	0.7	mg/L	

Comparison of Audit and Monitoring Data — Beryllium — RMDL = 0.01 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.001	0.001	0.001	0.0002	mg/L	<T
							0.0004	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.001	0.001	0.001	0.00002	mg/L	<W
							0.0006	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.001	0.001	0.01	0.00002	mg/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.001	0.001	0.001	0.0001	mg/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.01	0.01	0.01	0.0003	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.003	0.003	0.003	0.0003	mg/L	
07 – INCO, Levack Mine	MW 0100	4	0	0.001	0.001	0.001	0.0001	mg/L	<T
08 – Falconbridge, Lockerby	MW 0100	4	0	0.001	0.001	0.01	0.0001	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.003	0.003	0.003	0.0004	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.001	0.001	0.001	0.00002	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.001	0.001	0.001	0.0003	mg/L	
12 – Falconbridge, Onaping	MW 0100	4	0	0.001	0.001	0.01	0.0002	mg/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.001	0.001	0.001	0.00002	mg/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.001	0.001	0.001	0.0002	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	4	0	0.001	0.001	0.01	0.0001	mg/L	<T
16 – INCO, Whistle Mine	MW 0100	2	0	0.001	0.001	0.001	0.0006	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.01	0.01	0.01	0.0009	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.001	0.001			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0016	0.0016	0.0016			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.001	0.01	0.00002	mg/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.01	0.01	0.01	0.00002	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.01	0.01	0.01			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.01	0.01	0.01			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.01	0.01	0.01	0.0003	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.01	0.01	0.01			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.01	0.01	0.01	0.0003	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.005	0.005	0.005	0.00002	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.01	0.01	0.01	0.00002	mg/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.00002	mg/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0016	0.0016	0.0016			
36 – American Barrick, McDermott	PR 0100	1	0	0.001	0.001	0.001	0.0071	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.005	0.005	0.005			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.01	0.01	0.01			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.01	0.01	0.01			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.01	0.01	0.01			
42 – Renabie Gold Mines	PR 0100	3	0	0.001	0.001	0.001	0.0004	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	0	0.005	0.005	0.005	0.00002	mg/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.005	0.005	0.005	0.0002	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	0.001	0.001	0.001	0.0004	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	0	0.001	0.001	0.001			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0034	0.0067	0.01	0.0007	mg/L	
53 – Rio Algom, Panel	SR 0100	4	0	0.0034	0.0067	0.01	0.0007	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	0	0.0034	0.01	0.01			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0034	0.0067	0.01	0.0007	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.001	0.001	0.001	0.0003	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.001	0.001	0.001	0.00002	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.001	0.001	0.001			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.001	0.001	0.001			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0034	0.0067	0.01	0.0003	mg/L	
59 – Denison Mines, Stanrock	SW 0100	4	0	0.001	0.001	0.001	0.0002	mg/L	<T

Comparison of Audit and Monitoring Data — Cadmium — RMDL = 0.002 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	0	0.002	0.002	0.002	0.0024	mg/L	
							0.0039	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	1	0.002	0.002	0.0025	0.0003	mg/L	<T
							0.0002	mg/L	<W
03 – Falconbridge, Falconbridge	PR 0100	12	0	0.002	0.002	0.002	0.0021	mg/L	
04 – INCO, Garson Mine	MW 0100	12	2	0.002	0.002	0.016	0.0038	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	1	0.002	0.002	0.012	0.0067	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	10	0.002	0.0035	0.049	0.0031	mg/L	
07 – INCO, Levack Mine	MW 0100	11	3	0.002	0.002	0.005	0.0012	mg/L	<T
08 – Falconbridge, Lockerby	MW 0100	11	0	0.002	0.002	0.002	0.0011	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	12	12	0.003	0.0095	0.064	0.0029	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	12	1	0.002	0.002	0.003	0.0002	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	12	4	0.002	0.002	0.003	0.0005	mg/L	<T
12 – Falconbridge, Onaping	MW 0100	10	2	0.002	0.002	0.004	0.0014	mg/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	12	1	0.002	0.002	0.002	0.0008	mg/L	<T
14 – INCO, Shebandowan Mine	PR 0100	12	0	0.002	0.002	0.002	0.0012	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	11	1	0.002	0.002	0.002	0.001	mg/L	<T
16 – INCO, Whistle Mine	MW 0100	8	0	0.002	0.002	0.002	0.0051	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	0	0.002	0.002	0.002	0.0017	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	10	8	0.002	0.009	0.016			
21 – Canamax, Bell Creek Mine	PR 0100	3	0	0.0014	0.0014	0.0014			
24 – Teck – Corona, David Bell Mine	PR 0100	9	4	0.001	0.002	0.007	0.0018	mg/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	12	0	0.002	0.002	0.002	0.0002	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	11	0	0.002	0.002	0.002			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	1	0.0006	0.0006	0.003			
28 – Eastmaque Gold Mines	PR 0100	13	1	0.002	0.002	0.007	0.001	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	1	0.002	0.0035	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	6	0	0.002	0.002	0.002	0.0011	mg/L	<T
31 – Canamax, Kremzar Mine	PR 0100	5	1	0.002	0.002	0.004	0.001	mg/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	12	4	0.002	0.002	0.007	0.0031	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.0009	mg/L	<T
35 – Canamax, Marhill Mine	MW 0100	11	1	0.0002	0.0014	0.003			
36 – American Barrick, McDermott	PR 0100	3	0	0.001	0.001	0.001	0.0002	mg/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	2	0.002	0.002	0.005			
38 – LAC Minerals, Williams Mine	PR 0200	6	2	0.002	0.002	0.003			
38 – LAC Minerals, Williams Mine	MW 0100	2	0	0.002	0.002	0.002			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	2	0.002	0.002	0.008			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	1	0.002	0.0025	0.003			
42 – Renabie Gold Mines	PR 0100	8	0	0.0002	0.0006	0.001	0.0004	mg/L	<T
45 – St. Andrews Gold Fields	PR 0100	5	0	0.002	0.002	0.002	0.0002	mg/L	<W
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.0002	0.0002	0.0002	0.0013	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	12	2	0.001	0.001	0.013	0.01	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	0	0.001	0.001	0.001			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	2	0.001	0.0105	0.02	0.0034	mg/L	
53 – Rio Algom, Panel	SR 0100	12	5	0.001	0.001	0.02	0.0058	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	2	0.001	0.02	0.02			
55 – Rio Algom, Quirke	PR 0100	12	5	0.001	0.001	0.02	0.0049	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.001	0.001	0.001	0.0005	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.001	0.001	0.001	0.0002	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.001	0.001	0.001			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.001	0.001	0.001			
58 – Rio Algom, Stanleigh	SR 0100	12	5	0.001	0.001	0.02	0.0032	mg/L	
59 – Denison Mines, Stanrock	SW 0100	4	0	0.001	0.001	0.001	0.0002	mg/L	<W

Comparison of Audit and Monitoring Data — Chromium — RMDL = 0.02 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.002	0.002	0.005	0.003	mg/L	<T
							0.006	mg/L	<T
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.002	0.0031	0.006	0.005	mg/L	<T
							0.002	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.004	0.004	0.02	0.003	mg/L	<T
04 – INCO, Garson Mine	MW 0100	4	0	0.002	0.002	0.002	0.005	mg/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.02	0.02	0.02	0.008	mg/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.005	0.005	0.005	0.005	mg/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	0.002	0.002	0.002	0.001	mg/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.004	0.0055	0.02	0.004	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	1	0.005	0.005	0.03	0.001	mg/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.002	0.00225	0.004	0.001	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.002	0.002	0.009	0.001	mg/L	<W
12 – Falconbridge, Onaping	MW 0100	4	3	0.02	0.0345	0.09	0.027	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	1	0.002	0.00875	0.0455	0.003	mg/L	<T
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.002	0.0025	0.004	0.002	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	4	0	0.004	0.004	0.02	0.001	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.002	0.004	0.006	0.006	mg/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.001	mg/L	<W
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.02	0.02	0.02			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.002	0.002	0.002			
24 – Teck – Corona, David Bell Mine	PR 0100	4	1	0.002	0.02	0.02	0.001	mg/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.001	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	1	0.02	0.02	0.03			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.007	0.008	0.009			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.01	0.01	0.01	0.003	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.01	0.01	0.01			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.01	0.015	0.02	0.001	mg/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.005	0.005	0.005	0.001	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.01	0.02	0.02	0.003	mg/L	<T
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.003	mg/L	<T
35 – Canamax, Marhill Mine	MW 0100	4	1	0.002	0.004	0.04			
36 – American Barrick, McDermott	PR 0100	1	0	0.002	0.002	0.002	0.002	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.005	0.005	0.005			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.002	0.0025	0.003			
38 – LAC Minerals, Williams Mine	MW 0100	1	1	0.03	0.03	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.01	0.015	0.02			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.02	0.02	0.02			
42 – Renabie Gold Mines	PR 0100	3	0	0.002	0.002	0.007	0.004	mg/L	<T
45 – St. Andrews Gold Fields	PR 0100	1	0	0.005	0.005	0.005	0.008	mg/L	<T
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.015	0.015	0.015	0.005	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	0.002	0.0025	0.015	0.006	mg/L	<T
51 – Denison Mines, Denison Property	SW 0200	4	0	0.002	0.0045	0.015			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.002	0.002	0.002	0.003	mg/L	<T
53 – Rio Algom, Panel	SR 0100	4	0	0.002	0.002	0.002	0.004	mg/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.002	0.002	0.002			
55 – Rio Algom, Quirke	PR 0100	4	0	0.002	0.0025	0.007	0.004	mg/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.004	0.0045	0.007	0.007	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.002	0.002	0.003	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.002	0.002	0.002			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.002	0.0025	0.004			
58 – Rio Algom, Stanleigh	SW 0100	4	0	0.002	0.002	0.004	0.003	mg/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.0035	0.005	0.002	mg/L	<T

Comparison of Audit and Monitoring Data — Cobalt — RMDL = 0.02 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	10	0.003	0.037	0.074	0.036	mg/L	
							0.066	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	1	0.003	0.003	0.031	0.0026	mg/L	<T
							0.0005	mg/L	<W
03 – Falconbridge, Falconbridge	PR 0100	12	6	0.0075	0.02	0.04	0.028	mg/L	
04 – INCO, Garson Mine	MW 0100	12	3	0.003	0.0055	0.038	0.0082	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	0	0.02	0.02	0.02	0.022	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	0	0.005	0.005	0.009	0.0019	mg/L	<T
07 – INCO, Levack Mine	MW 0100	11	2	0.003	0.003	0.034	0.0039	mg/L	<T
08 – Falconbridge, Lockerby	MW 0100	11	0	0.004	0.004	0.02	0.0024	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	12	1	0.005	0.005	0.025	0.0041	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	12	10	0.014	0.0265	0.064	0.016	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	7	0.006	0.0485	0.34	0.0069	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	1	0.004	0.00475	0.028	0.012	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	11	0.006	0.049	0.075	0.037	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	12	0	0.002	0.003	0.003	0.0057	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	1	0.004	0.004	0.03	0.011	mg/L	
16 – INCO, Whistle Mine	MW 0100	8	7	0.008	0.124	0.383	0.3	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	1	0.014	0.02	0.02	0.0019	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	10	9	0.02	0.06	0.08			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.074	0.078	0.081			
24 – Teck – Corona, David Bell Mine	PR 0100	9	3	0.01	0.02	0.03	0.018	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	12	7	0.02	0.02	0.05	0.021	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	11	7	0.02	0.02	0.07			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.002	0.002	0.007			
28 – Eastmaque Gold Mines	PR 0100	13	1	0.01	0.01	0.03	0.0023	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	1	0.012	0.031	0.05			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	6	2	0.02	0.02	0.024	0.017	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	1	0.005	0.005	0.025	0.017	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	12	7	0.01	0.025	0.06	0.0091	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.0019	mg/L	<T-
35 – Canamax, Marhill Mine	MW 0100	11	1	0.004	0.009	0.02			
36 – American Barrick, McDermott	PR 0100	3	0	0.008	0.012	0.016	0.0005	mg/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.005	0.005	0.012			
38 – LAC Minerals, Williams Mine	PR 0200	6	3	0.02	0.02	0.02			
38 – LAC Minerals, Williams Mine	MW 0100	2	1	0.02	0.02	0.02			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	5	0.01	0.021	0.09			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	0	0.01	0.013	0.016			
42 – Renabie Gold Mines	PR 0100	8	1	0.005	0.0065	0.064	0.0014	mg/L	<T
45 – St. Andrews Gold Fields	PR 0100	5	1	0.005	0.015	0.025	0.025	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	1	0.011	0.015	0.88	0.0019	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	12	7	0.004	0.0235	0.063	0.043	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	0	0.002	0.002	0.015			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	6	0.008	0.02	0.06	0.0043	mg/L	<T
53 – Rio Algom, Panel	SR 0100	12	10	0.015	0.055	0.11	0.018	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	5	0.02	0.0225	0.24			
55 – Rio Algom, Quirke	PR 0100	12	12	0.038	0.07	0.12	0.022	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.002	0.002	0.002	0.0005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.002	0.002	0.002	0.0032	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.002	0.002	0.002			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.002	0.002	0.002			
58 – Rio Algom, Stanleigh	SR 0100	11	11	0.03	0.04	0.07	0.011	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	1	0.002	0.01	0.02	0.0086	mg/L	

Comparison of Audit and Monitoring Data — Copper — RMDL = 0.01 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	156	0.043	0.187	0.783	0.23	mg/L	
							0.19	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	157	33	0.004	0.006	0.124	0.0002	mg/L	<W
							0.014	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	156	75	0.003	0.01	0.12	0.027	mg/L	
04 – INCO, Garson Mine	MW 0100	157	56	0.006	0.006	0.152	0.0002	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	142	141	0.01	0.14	0.93	0.066	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	146	0.003	0.0365	0.297	0.031	mg/L	
07 – INCO, Levack Mine	MW 0100	148	85	0.004	0.01	0.244	0.019	mg/L	
08 – Falconbridge, Lockerby	MW 0100	154	41	0.003	0.007	0.265	0.017	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	157	128	0.003	0.021	6.21	0.029	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	157	150	0.004	0.072	0.738	0.033	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	11	0.006	0.17	3.56	0.064	mg/L	
12 – Falconbridge, Onaping	MW 0100	154	44	0.003	0.0075	0.122	0.017	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	153	151	0.008	0.122	0.95	0.19	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	154	9	0.006	0.006	0.042	0.0087	mg/L	
15 – Falconbridge, Strathcona	PR 0100	156	95	0.003	0.0105	0.54	0.023	mg/L	
16 – INCO, Whistle Mine	MW 0100	89	81	0.002	0.034	0.316	0.15	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	100	83	0.006	0.02	0.245	0.0002	mg/L	<W
19 – Dickenson, Arthur W. White Mine	PR 0100	136	136	0.3	0.45	1.14			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.22	0.24	0.34			
24 – Teck – Corona, David Bell Mine	PR 0100	110	26	0.002	0.0056	0.316	0.018	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	157	157	0.15	0.32	0.71	0.36	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	78	78	0.12	0.19	0.69			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.0021	0.003	0.009			
28 – Eastmaque Gold Mines	PR 0100	156	46	0.01	0.01	0.32	0.016	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	0.05	0.2	0.35			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	70	56	0.01	0.022	0.38	0.015	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	2	0.005	0.006	0.1	0.055	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	158	156	0.01	0.09	2.52	0.026	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.017	mg/L	
35 – Canamax, Marhill Mine	MW 0100	12	7	0.003	0.01	0.04			
36 – American Barrick, McDermott	PR 0100	22	22	0.046	0.0775	0.226	0.072	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.005	0.005	0.008			
38 – LAC Minerals, Williams Mine	PR 0200	65	52	0.005	0.026	0.539			
38 – LAC Minerals, Williams Mine	MW 0100	24	11	0.007	0.009	0.019			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	74	0.01	0.012	2.15			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	5	0.01	0.01	0.082			
40 – Giant Yellowknife, P–S	MW 0100	16	15	0.01	0.235	0.38			
42 – Renabie Gold Mines	PR 0100	8	8	0.081	0.315	0.62	0.15	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	5	0.052	0.14	0.21	0.17	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.006	0.01	0.01	0.0093	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	3	0.002	0.0045	0.048	0.034	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	2	0.002	0.002	0.042			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	7	0.0022	0.01	0.02	0.0083	mg/L	
53 – Rio Algom, Panel	SR 0100	12	8	0.008	0.011	0.027	0.0075	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	5	0.01	0.02	0.03			
55 – Rio Algom, Quirke	PR 0100	12	11	0.01	0.02	0.05	0.017	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	2	0.002	0.005	0.075	0.017	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	2	0.002	0.002	0.13	0.0087	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	9	2	0.002	0.004	0.044			
57 – Cameco, Refinery, Port Hope	SR 0300	9	2	0.002	0.003	0.018			
58 – Rio Algom, Stanleigh	SR 0100	11	10	0.01	0.015	0.03	0.012	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	2	0.002	0.002	0.041	0.021	mg/L	

Comparison of Audit and Monitoring Data — Lead — RMDL = 0.03 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	8	0.015	0.015	0.494	0.031	mg/L	
							0.033	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	157	3	0.015	0.015	0.045	0.006	mg/L	<T
							0.015	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	156	1	0.01	0.02	0.04	0.02	mg/L	<T
04 – INCO, Garson Mine	MW 0100	157	1	0.015	0.015	0.035	0.047	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	136	14	0.01	0.01	0.15	0.094	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	1	0.003	0.003	0.038	0.017	mg/L	<T
07 – INCO, Levack Mine	MW 0100	148	1	0.01	0.015	0.04	0.025	mg/L	<T
08 – Falconbridge, Lockerby	MW 0100	154	2	0.01	0.02	0.03	0.011	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	157	2	0.003	0.003	0.141	0.013	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	157	73	0.008	0.026	0.132	0.031	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	0	0.015	0.015	0.02	0.014	mg/L	<T
12 – Falconbridge, Onaping	MW 0100	154	1	0.01	0.02	0.03	0.021	mg/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	153	9	0.015	0.015	0.06	0.005	mg/L	<W
14 – INCO, Shebandowan Mine	PR 0100	154	4	0.015	0.015	0.056	0.015	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	156	0	0.01	0.02	0.03	0.012	mg/L	<T
16 – INCO, Whistle Mine	MW 0100	89	10	0.015	0.015	0.05	0.034	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	94	2	0.01	0.01	0.032	0.005	mg/L	<W
19 – Dickenson, Arthur W. White Mine	PR 0100	136	36	0.003	0.03	0.13			
21 – Canamax, Bell Creek Mine	PR 0100	3	0	0.01	0.011	0.011			
24 – Teck – Corona, David Bell Mine	PR 0100	110	92	0.016	0.04	0.22	0.019	mg/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	157	0	0.03	0.03	0.03	0.005	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	78	6	0.03	0.03	0.09			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.003	0.011	0.012			
28 – Eastmaque Gold Mines	PR 0100	156	1	0.02	0.02	0.03	0.01	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	0	0.02	0.025	0.03			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	63	19	0.01	0.02	0.04	0.023	mg/L	<T
31 – Canamax, Kremzar Mine	PR 0100	5	1	0.01	0.01	0.19	0.005	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	158	6	0.02	0.02	0.09	0.037	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.04	mg/L	
35 – Canamax, Marhill Mine	MW 0100	12	6	0.01	0.03	0.05			
36 – American Barrick, McDermott	PR 0100	22	0	0.008	0.012	0.022	0.007	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	65	36	0.01	0.03	0.055			
38 – LAC Minerals, Williams Mine	MW 0100	24	1	0.015	0.02	0.07			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	2	0.02	0.02	0.04			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	0	0.02	0.02	0.02			
40 – Giant Yellowknife, P–S	MW 0100	16	0	0.02	0.025	0.03			
42 – Renabie Gold Mines	PR 0100	8	0	0.003	0.008	0.015	0.005	mg/L	<W
45 – St. Andrews Gold Fields	PR 0100	5	0	0.01	0.01	0.01	0.013	mg/L	<T
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.003	0.003	0.003	0.029	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	0	0.01	0.01	0.01	0.051	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	0	0.01	0.01	0.01			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	10	0.017	0.04	0.061	0.051	mg/L	
53 – Rio Algom, Panel	SR 0100	12	8	0.02	0.03	0.09	0.051	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	1	0.015	0.03	0.05			
55 – Rio Algom, Quirke	PR 0100	12	10	0.014	0.04	0.078	0.053	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	0	0.008	0.01	0.01	0.005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	8	0	0.01	0.01	0.01	0.016	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	9	0	0.01	0.01	0.01			
57 – Cameco, Refinery, Port Hope	SR 0300	9	0	0.01	0.01	0.02			
58 – Rio Algom, Stanleigh	SR 0100	11	9	0.022	0.04	0.11	0.032	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	0	0.01	0.01	0.01	0.007	mg/L	<T

Comparison of Audit and Monitoring Data — Molybdenum — RMDL = 0.02 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.002	0.0025	0.006	0.0084	mg/L	
							0.0091	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	1	0.002	0.0085	0.022	0.0053	mg/L	
							0.019	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	4	4	0.06	0.085	0.11	0.075	mg/L	
04 – INCO, Garson Mine	MW 0100	4	0	0.002	0.002	0.002	0.0097	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.02	0.02	0.02	0.015	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.006	0.011	0.017	0.0098	mg/L	
07 – INCO, Levack Mine	MW 0100	4	0	0.002	0.005	0.011	0.018	mg/L	
08 – Falconbridge, Lockerby	MW 0100	4	2	0.007	0.02	0.024	0.014	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	4	1	0.006	0.009	0.021	0.0009	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.002	0.002	0.014	0.0037	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.002	0.002	0.002	0.0009	mg/L	<T
12 – Falconbridge, Onaping	MW 0100	4	2	0.01	0.02	0.035	0.0078	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.0035	0.00525	0.0064	0.0063	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.005	0.0085	0.01	0.011	mg/L	
15 – Falconbridge, Strathcona	PR 0100	4	0	0.007	0.0085	0.02	0.0005	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.002	0.002	0.002	0.0034	mg/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	4	1	0.02	0.02	0.03	0.029	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.02	0.02	0.02			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.005	0.005	0.005			
24 – Teck – Corona, David Bell Mine	PR 0100	4	4	0.08	0.15	0.24	0.15	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.0005	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.02	0.02	0.02			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0031	0.0031	0.0031			
28 – Eastmaque Gold Mines	PR 0100	4	4	0.4	0.565	0.61	0.41	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.02	0.02	0.02			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	2	0.31	0.405	0.5	0.28	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	1	0.04	0.04	0.04	0.0005	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	3	0.21	0.7	0.8	0.16	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.0094	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0048	0.0048	0.0048			
36 – American Barrick, McDermott	PR 0100	1	0	0.011	0.011	0.011	0.013	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.005	0.005	0.005			
38 – LAC Minerals, Williams Mine	MW 0100	1	1	0.17	0.17	0.17			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	1	0.02	0.02	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	0.02	0.02	0.02			
42 – Renabie Gold Mines	PR 0100	3	2	0.02	0.03	0.04	0.015	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	0	0.02	0.02	0.02	0.014	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.008	0.014	0.02	0.0041	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	3	0.018	0.031	0.068	0.059	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.003	0.003	0.003	0.0033	mg/L	<T
53 – Rio Algom, Panel	SR 0100	4	0	0.003	0.003	0.003	0.016	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	0	0.003	0.003	0.003			
55 – Rio Algom, Quirke	PR 0100	4	0	0.003	0.003	0.005	0.011	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.003	0.003	0.003	0.0005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.003	0.003	0.003	0.0005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.003	0.003	0.003			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.003	0.003	0.003			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.003	0.003	0.003	0.0033	mg/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.003	0.003	0.0005	mg/L	<W

Comparison of Audit and Monitoring Data — Nickel — RMDL = 0.02 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	155	0.006	0.482	9.05	0.41	mg/L	
							0.64	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	157	157	0.034	0.122	2.08	0.11	mg/L	
							0.19	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	156	156	0.038	0.33	0.58	0.46	mg/L	
04 – INCO, Garson Mine	MW 0100	157	157	0.052	0.294	4.02	0.56	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	142	21	0.01	0.01	0.06	0.024	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	0	0.004	0.01	0.019	0.002	mg/L	<T
07 – INCO, Levack Mine	MW 0100	148	147	0.016	0.348	6.26	0.041	mg/L	
08 – Falconbridge, Lockerby	MW 0100	154	150	0.01	0.13	0.41	0.25	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	157	25	0.01	0.01	0.095	0.009	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	157	157	0.126	0.532	2.93	0.53	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	12	0.166	1.27	11.3	0.19	mg/L	
12 – Falconbridge, Onaping	MW 0100	154	150	0.01	0.195	1.13	0.35	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	153	153	0.026	0.16	0.756	0.089	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	154	153	0.01	0.188	0.368	0.2	mg/L	
15 – Falconbridge, Strathcona	PR 0100	156	156	0.023	0.19	2.45	0.28	mg/L	
16 – INCO, Whistle Mine	MW 0100	89	89	0.072	0.658	11.3	4.1	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	100	15	0.01	0.01	0.063	0.006	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	136	136	0.03	0.55	0.88			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.24	0.25	0.34			
24 – Teck – Corona, David Bell Mine	PR 0100	110	101	0.012	0.0345	0.095	0.066	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	157	138	0.01	0.02	0.21	0.031	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	78	78	0.19	0.28	0.34			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.002	0.003	0.015			
28 – Eastmaque Gold Mines	PR 0100	156	7	0.01	0.01	0.03	0.005	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	0.046	0.093	0.14			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	70	57	0.01	0.073	0.15	0.07	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	1	0.005	0.005	0.021	0.015	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	158	106	0.01	0.04	0.24	0.018	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.011	mg/L	
35 – Canamax, Marhill Mine	MW 0100	12	12	0.02	0.035	0.091			
36 – American Barrick, McDermott	PR 0100	22	0	0.002	0.004	0.015	0.008	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.005	0.005	0.005			
38 – LAC Minerals, Williams Mine	PR 0200	65	63	0.016	0.034	0.11			
38 – LAC Minerals, Williams Mine	MW 0100	24	3	0.018	0.018	0.025			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	92	0.01	0.04	1.7			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	14	0.01	0.026	0.076			
40 – Giant Yellowknife, P–S	MW 0100	16	16	0.04	0.048	0.12			
42 – Renabie Gold Mines	PR 0100	8	5	0.01	0.021	0.032	0.013	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	3	0.005	0.026	0.042	0.035	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.014	0.02	0.02	0.01	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	12	10	0.009	0.032	0.089	0.057	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	0	0.009	0.009	0.01			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	8	0.015	0.02	0.04	0.003	mg/L	<T
53 – Rio Algom, Panel	SR 0100	12	12	0.03	0.085	0.14	0.026	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	2	0.013	0.02	0.03			
55 – Rio Algom, Quirke	PR 0100	12	12	0.025	0.0705	0.16	0.022	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	1	0.009	0.009	0.051	0.007	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	9	1	0.009	0.009	0.036	0.003	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	9	0	0.009	0.009	0.009			
57 – Cameco, Refinery, Port Hope	SR 0300	9	0	0.009	0.009	0.009			
58 – Rio Algom, Stanleigh	SR 0100	11	11	0.02	0.05	0.13	0.015	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	2	0.009	0.009	0.064	0.007	mg/L	<T

Comparison of Audit and Monitoring Data — Silver — RMDL = 0.03 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.006	0.006	0.006	0.0056	mg/L	
							0.0029	mg/L	<T
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.006	0.006	0.006	0.0056	mg/L	
							0.0018	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.005	0.0175	0.03	0.0012	mg/L	<T
04 – INCO, Garson Mine	MW 0100	4	0	0.006	0.006	0.006	0.0069	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.02	0.02	0.02	0.0034	mg/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.002	mg/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	0.006	0.006	0.008	0.0005	mg/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.005	0.0175	0.03	0.0016	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.0067	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.006	0.006	0.006	0.0005	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.006	0.006	0.006	0.0005	mg/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.005	0.0175	0.03	0.0292	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.006	0.006	0.006	0.0005	mg/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.006	0.006	0.006	0.0005	mg/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.005	0.0175	0.03	0.0332	mg/L	
16 – INCO, Whistle Mine	MW 0100	2	0	0.006	0.006	0.006	0.0005	mg/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.0005	mg/L	<W
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.003	0.003	0.003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.003	0.003	0.003			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.003	0.003	0.03	0.0036	mg/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.0005	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.03	0.03	0.03			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.009	0.009	0.009			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.02	0.02	0.02	0.0043	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.02	0.02	0.02			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.02	0.02	0.02	0.0005	mg/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.005	0.005	0.005	0.0005	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.02	0.02	0.02	0.0046	mg/L	<T
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.0005	mg/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.003	0.003	0.003			
36 – American Barrick, McDermott	PR 0100	1	0	0.003	0.003	0.003	0.0022	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.005	0.005	0.005			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.03	0.03	0.03			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.03	0.03	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.02	0.02	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.02	0.02	0.02			
42 – Renabie Gold Mines	PR 0100	3	0	0.012	0.03	0.03	0.0028	mg/L	<T
45 – St. Andrews Gold Fields	PR 0100	1	0	0.005	0.005	0.005	0.0005	mg/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.015	0.015	0.015	0.0005	mg/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.003	0.003	0.003	0.0101	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.003	0.0115	0.03	0.0052	mg/L	
53 – Rio Algom, Panel	SR 0100	4	0	0.003	0.003	0.01	0.0063	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	0	0.003	0.003	0.03			
55 – Rio Algom, Quirke	PR 0100	4	0	0.003	0.003	0.03	0.0052	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.003	0.003	0.003	0.0005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.003	0.003	0.003	0.0005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.003	0.003	0.003			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.003	0.003	0.003			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.003	0.014	0.03	0.0031	mg/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.003	0.003	0.0083	mg/L	

Comparison of Audit and Monitoring Data — Thallium — RMDL = 0.03 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.007	0.007	0.007	0.03	mg/L	<
							0.03	mg/L	<
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.007	0.007	0.007	0.005	mg/L	<W
							0.03	mg/L	<
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.03	0.03	0.03	0.03	mg/L	<
04 – INCO, Garson Mine	MW 0100	4	0	0.007	0.007	0.007	0.005	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.03	0.03	0.03	0.03	mg/L	<
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.003	0.003	0.003	0.03	mg/L	<
07 – INCO, Levack Mine	MW 0100	4	0	0.007	0.007	0.007	0.03	mg/L	<
08 – Falconbridge, Lockerby	MW 0100	4	0	0.03	0.03	0.03	0.03	mg/L	<
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.003	0.003	0.003	0.03	mg/L	<
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.007	0.007	0.007	0.03	mg/L	<
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.007	0.007	0.007	0.03	mg/L	<
12 – Falconbridge, Onaping	MW 0100	4	0	0.03	0.03	0.03	0.005	mg/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.007	0.007	0.007	0.03	mg/L	<
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.007	0.007	0.007	0.03	mg/L	<
15 – Falconbridge, Strathcona	PR 0100	4	0	0.03	0.03	0.03	0.005	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.007	0.007	0.007	0.03	mg/L	<
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.03	0.03	0.03	0.03	mg/L	<
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.003	0.003	0.003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.027	0.027	0.027			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.003	0.003	0.03	0.03	mg/L	<
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.03	0.03	0.03	0.03	mg/L	<
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.03	0.03	0.03			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	2	0.033	0.033	0.033			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.03	0.03	0.03	0.03	mg/L	<
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.03	0.03	0.03			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.01	0.02	0.03	0.05	mg/L	<
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.003	0.003	0.003	0.03	mg/L	<
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.03	0.03	0.03	0.03	mg/L	<
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.05	mg/L	<
35 – Canamax, Marhill Mine	MW 0100	4	0	0.011	0.027	0.027			
36 – American Barrick, McDermott	PR 0100	1	0	0.01	0.01	0.01	0.05	mg/L	<
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.003	0.0065	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.03	0.03	0.03			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.03	0.03	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.02	0.03	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.03	0.03	0.03			
42 – Renabie Gold Mines	PR 0100	3	0	0.003	0.003	0.003	0.03	mg/L	<
45 – St. Andrews Gold Fields	PR 0100	1	0	0.003	0.003	0.003	0.03	mg/L	<
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.05	mg/L	<
51 – Denison Mines, Denison Property	PR 0100	4	0	0.01	0.01	0.01	0.05	mg/L	<
51 – Denison Mines, Denison Property	SW 0200	4	0	0.01	0.01	0.013			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.01	0.0115	0.02	0.03	mg/L	<
53 – Rio Algom, Panel	SR 0100	4	1	0.01	0.01	0.036	0.03	mg/L	<
54 – Rio Algom, Pronto	SW 0100	3	1	0.01	0.022	0.03			
55 – Rio Algom, Quirke	PR 0100	4	1	0.01	0.01	0.034	0.03	mg/L	<
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.01	0.01	0.01	0.03	mg/L	<
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.01	0.01	0.01	0.12	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.01	0.01	0.01			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.01	0.01	0.014			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.01	0.011	0.024	0.03	mg/L	<
59 – Denison Mines, Stanrock	SW 0100	4	0	0.01	0.01	0.01	0.05	mg/L	<

Comparison of Audit and Monitoring Data — Vanadium — RMDL = 0.03 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.003	0.003	0.006	0.0094	mg/L	
							0.0098	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.003	0.003	0.003	0.0068	mg/L	
							0.0071	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.02	0.03	0.03	0.0063	mg/L	
04 – INCO, Garson Mine	MW 0100	4	0	0.003	0.003	0.003	0.012	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.02	0.02	0.02	0.022	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.003	0.003	0.003	0.0028	mg/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	0.003	0.003	0.003	0.0005	mg/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.02	0.03	0.03	0.0034	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.003	0.003	0.009	0.017	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.003	0.003	0.003	0.0037	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.003	0.003	0.003	0.0056	mg/L	
12 – Falconbridge, Onaping	MW 0100	4	0	0.02	0.03	0.03	0.0093	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.003	0.003	0.008	0.0005	mg/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.003	0.003	0.003	0.0057	mg/L	
15 – Falconbridge, Strathcona	PR 0100	4	0	0.02	0.03	0.03	0.0091	mg/L	
16 – INCO, Whistle Mine	MW 0100	2	0	0.003	0.0045	0.006	0.013	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.0011	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.03	0.03	0.03			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0038	0.0038	0.0038			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.03	0.03	0.03	0.006	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.02	0.02	0.02	0.0005	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.03	0.03	0.03			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.009	0.009	0.009			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.02	0.02	0.02	0.0054	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.02	0.02	0.02			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.02	0.02	0.02	0.01	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.03	0.03	0.03	0.0005	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.02	0.02	0.02	0.0048	mg/L	<T
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.0019	mg/L	<T
35 – Canamax, Marhill Mine	MW 0100	4	1	0.0038	0.0095	0.03			
36 – American Barrick, McDermott	PR 0100	1	0	0.003	0.003	0.003	0.0014	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	4	0.05	0.05	0.05			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.01	0.02	0.03			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.01	0.01	0.01			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.02	0.02	0.03			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.02	0.02	0.02			
42 – Renabie Gold Mines	PR 0100	3	0	0.03	0.03	0.03	0.0062	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	0	0.03	0.03	0.03	0.0072	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.03	0.03	0.03	0.0078	mg/L	
51 – Denison Mines, Denison Property	PR 0100	4	0	0.003	0.003	0.003	0.014	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.003	0.003	0.003	0.011	mg/L	
53 – Rio Algom, Panel	SR 0100	4	0	0.003	0.003	0.003	0.013	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	0	0.003	0.003	0.003			
55 – Rio Algom, Quirke	PR 0100	4	0	0.003	0.003	0.003	0.015	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.01	0.01	0.01	0.0005	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.003	0.003	0.003	0.0012	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.003	0.003	0.003			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.003	0.003	0.003			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.003	0.003	0.003	0.009	mg/L	
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.003	0.003	0.0088	mg/L	

Comparison of Audit and Monitoring Data — Zinc — RMDL = 0.01 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	27	0.004	0.006	0.17	0.012	mg/L	
							0.012	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	157	32	0.004	0.006	6	0.002	mg/L	<W
							0.01	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	156	49	0.004	0.009	0.425	0.038	mg/L	
04 – INCO, Garson Mine	MW 0100	157	41	0.004	0.006	0.036	0.014	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	138	137	0.005	0.046	0.358	0.037	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	146	0.003	0.632	13	0.15	mg/L	
07 – INCO, Levack Mine	MW 0100	148	25	0.004	0.006	0.052	0.041	mg/L	
08 – Falconbridge, Lockerby	MW 0100	154	53	0.003	0.01	0.23	0.013	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	157	155	0.004	0.282	15.6	0.24	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	156	48	0.006	0.006	0.071	0.0038	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	12	9	0.006	0.0245	0.21	0.0052	mg/L	<T
12 – Falconbridge, Onaping	MW 0100	154	40	0.004	0.0085	2.21	0.007	mg/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	153	45	0.006	0.006	0.058	0.012	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	154	9	0.006	0.006	0.112	0.003	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	156	52	0.004	0.01	1.77	0.0051	mg/L	<T
16 – INCO, Whistle Mine	MW 0100	89	73	0.006	0.032	0.552	0.28	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	100	100	0.105	0.337	1.91	0.24	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	136	136	0.03	0.11	0.59			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.21	0.31	0.88			
24 – Teck – Corona, David Bell Mine	PR 0100	110	21	0.0061	0.007	0.036	0.0025	mg/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	157	38	0.01	0.01	0.08	0.002	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	78	23	0.01	0.01	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.0012	0.004	0.007			
28 – Eastmaque Gold Mines	PR 0100	156	19	0.01	0.01	0.05	0.011	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	0.028	0.054	0.08			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	61	43	0.005	0.014	0.174	0.02	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	0	0.005	0.005	0.008	0.0034	mg/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	158	66	0.01	0.01	0.11	0.012	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.031	mg/L	
35 – Canamax, Marhill Mine	MW 0100	12	11	0.01	0.024	0.05			
36 – American Barrick, McDermott	PR 0100	22	19	0.005	0.0165	0.038	0.0099	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	2	0.005	0.005	0.012			
38 – LAC Minerals, Williams Mine	PR 0200	65	24	0.002	0.009	0.02			
38 – LAC Minerals, Williams Mine	MW 0100	24	10	0.007	0.007	0.044			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	47	0.01	0.01	0.81			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	4	0.01	0.01	0.022			
40 – Giant Yellowknife, P–S	MW 0100	16	16	0.02	0.037	0.32			
42 – Renabie Gold Mines	PR 0100	8	8	0.599	1.26	3.23	0.5	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	2	0.005	0.009	0.022	0.0066	mg/L	<T
46 – Algoma Steel, Ore Division	PR 0100	6	2	0.005	0.005	0.024	0.023	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	10	0.004	0.025	0.13	0.047	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	1	0.004	0.004	0.011			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	7	0.004	0.01	0.064	0.0027	mg/L	<T
53 – Rio Algom, Panel	SR 0100	12	12	0.01	0.029	0.173	0.0048	mg/L	<T
54 – Rio Algom, Pronto	SW 0100	6	3	0.01	0.01	0.011			
55 – Rio Algom, Quirke	PR 0100	12	12	0.01	0.025	0.08	0.0061	mg/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	9	8	0.005	0.019	0.06	0.1	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	4	0.004	0.009	0.032	0.0059	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	9	4	0.004	0.008	0.019			
57 – Cameco, Refinery, Port Hope	SR 0300	9	6	0.005	0.012	0.075			
58 – Rio Algom, Stanleigh	SR 0100	11	11	0.02	0.02	0.07	0.011	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	6	0.004	0.009	0.046	0.008	mg/L	<T

Comparison of Audit and Monitoring Data — Antimony — RMDL = 0.005 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	1	0.0037	0.0037	0.0075	0.001	mg/L	<W
							0.001	mg/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.0037	0.0037	0.0037	0.001	mg/L	<W
							0.001	mg/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.0037	0.0037	0.0037	0.001	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.0005	0.00125	0.002	0.001	mg/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.002	0.002	0.002	0.003	mg/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	0.0037	0.0037	0.0037			
08 – Falconbridge, Lockerby	MW 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.002	0.002	0.003	0.001	mg/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.0037	0.0037	0.0037	0.001	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.0037	0.0037	0.0037	0.001	mg/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	3	0.0041	0.0101	0.0153	0.01	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.0037	0.0037	0.0037	0.001	mg/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.0037	0.0037	0.0037	0.001	mg/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.001	0.002	0.003	0.003	mg/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	4	2	0.0028	0.0844	0.237			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.001	0.001	0.001			
24 – Teck – Corona, David Bell Mine	PR 0100	4	4	0.144	0.363	0.528	0.43	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.002	0.002	0.002	0.001	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.002	0.002	0.002			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	2	0.009	0.009	0.009			
28 – Eastmaque Gold Mines	PR 0100	4	2	0.005	0.0055	0.009	0.01	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	2	0.17	0.251	0.332	0.31	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.0007	0.0007	0.0007	0.001	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	mg/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	mg/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.00104	0.00152	0.002			
36 – American Barrick, McDermott	PR 0100	1	0	0.003	0.003	0.003	0.001	mg/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.0005	0.0005	0.0005			
38 – LAC Minerals, Williams Mine	PR 0200	2	2	0.548	0.577	0.605			
38 – LAC Minerals, Williams Mine	MW 0100	1	1	0.298	0.298	0.298			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	0.006	0.006	0.006			
42 – Renabie Gold Mines	PR 0100	3	0	0.0005	0.0005	0.0005	0.001	mg/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.0005	0.0005	0.0005	0.005	mg/L	<T
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.0005	0.0005	0.0005	0.001	mg/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	1	0.003	0.003	0.005	0.001	mg/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
53 – Rio Algom, Panel	SR 0100	4	1	0.003	0.003	0.032	0.001	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.003	0.003	0.003			
55 – Rio Algom, Quirke	PR 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.003	0.003	0.003	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.003	0.003	0.003			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.003	0.003	0.003			
58 – Rio Algom, Stanleigh	SR 0100	4	1	0.003	0.003	0.011	0.001	mg/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W

Comparison of Audit and Monitoring Data — Arsenic — RMDL = 0.005 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	15	0.0014	0.0014	1.4	0.001	mg/L	<W
							0.001	mg/L	<W
02 – INCO, Crean Hill Mine	MW 0100	157	0	0.0014	0.0014	0.0024	0.001	mg/L	<W
							0.001	mg/L	<W
03 – Falconbridge, Falconbridge	PR 0100	156	31	0.0015	0.00405	0.095	0.002	mg/L	<T
04 – INCO, Garson Mine	MW 0100	157	1	0.0014	0.0014	0.018	0.001	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	141	1	0.002	0.005	0.005	0.001	mg/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	9	0.002	0.002	0.011	0.002	mg/L	<T
07 – INCO, Levack Mine	MW 0100	148	3	0.0014	0.0014	0.701			
08 – Falconbridge, Lockerby	MW 0100	155	2	0.0015	0.0015	0.009	0.001	mg/L	<W
09 – Falconbridge, Metallurgical	PR 0100	157	38	0.002	0.002	0.33	0.001	mg/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	157	68	0.0014	0.0044	0.0477	0.001	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	12	0	0.0014	0.0014	0.002	0.001	mg/L	<W
12 – Falconbridge, Onaping	MW 0100	155	3	0.0015	0.0015	0.0113	0.001	mg/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	152	152	0.0082	0.0953	0.336	0.077	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	154	0	0.0014	0.0014	0.0025	0.001	mg/L	<W
15 – Falconbridge, Strathcona	PR 0100	156	2	0.0015	0.0015	0.005	0.001	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	89	10	0.0014	0.0014	1.4	0.001	mg/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	100	2	0.001	0.002	0.005	0.001	mg/L	<W
19 – Dickenson, Arthur W. White Mine	PR 0100	136	136	0.782	0.973	2.24			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.3	0.4	0.53			
24 – Teck – Corona, David Bell Mine	PR 0100	110	16	0.0005	0.0015	0.009	0.001	mg/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	157	0	0.002	0.002	0.002	0.001	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	78	38	0.005	0.005	0.014			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	2	0.005	0.005	0.012			
28 – Eastmaque Gold Mines	PR 0100	156	5	0.005	0.005	0.013	0.001	mg/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	2	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	69	8	0.002	0.002	0.018	0.001	mg/L	<W
31 – Canamax, Kremzar Mine	PR 0100	5	1	0.001	0.001	0.005	0.004	mg/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	158	0	0.005	0.005	0.005	0.001	mg/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.005	mg/L	<T
35 – Canamax, Marhill Mine	MW 0100	8	7	0.00246	0.143	0.18			
36 – American Barrick, McDermott	PR 0100	22	1	0.003	0.003	0.005	0.002	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.001	0.001	0.001			
38 – LAC Minerals, Williams Mine	PR 0200	65	0	0.0015	0.003	0.005			
38 – LAC Minerals, Williams Mine	MW 0100	24	24	0.018	0.047	0.08			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	94	0.005	0.012	0.163			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	22	0.006	0.009	0.014			
40 – Giant Yellowknife, P–S	MW 0100	16	2	0.005	0.005	0.14			
42 – Renabie Gold Mines	PR 0100	8	0	0.0005	0.001	0.004	0.001	mg/L	<W
45 – St. Andrews Gold Fields	PR 0100	5	4	0.004	0.007	0.02	0.036	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	0	0.0006	0.00115	0.0021	0.001	mg/L	<W
51 – Denison Mines, Denison Property	PR 0100	12	10	0.003	0.029	0.043	0.001	mg/L	<W
51 – Denison Mines, Denison Property	SW 0200	12	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	0	0.003	0.003	0.003	0.001	mg/L	<W
53 – Rio Algom, Panel	SR 0100	12	0	0.003	0.003	0.003	0.001	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	6	0	0.003	0.003	0.003			
55 – Rio Algom, Quirke	PR 0100	12	0	0.003	0.003	0.003	0.001	mg/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	8	0	0.00066	0.001	0.0012	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	9	1	0.00175	0.005	0.005	0.003	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	9	3	0.00175	0.005	0.029			
57 – Cameco, Refinery, Port Hope	SR 0300	9	2	0.00175	0.005	0.008			
58 – Rio Algom, Stanleigh	SR 0100	12	0	0.003	0.003	0.003	0.001	mg/L	<W
59 – Denison Mines, Stanrock	SW 0100	12	0	0.003	0.003	0.003	0.001	mg/L	<W

Comparison of Audit and Monitoring Data — Selenium — RMDL = 0.005 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	3	0.0028	0.0215	0.579	0.51	mg/L	
							0.035	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.0025	0.0025	0.0025	0.004	mg/L	<T
							0.001	mg/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.0015	0.0015	0.005	0.001	mg/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.0025	0.0025	0.0025	0.001	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	1	0.0005	0.0025	0.008	0.001	mg/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	3	0.002	0.007	0.016	0.014	mg/L	
07 – INCO, Levack Mine	MW 0100	4	1	0.0025	0.0025	0.005			
08 – Falconbridge, Lockerby	MW 0100	4	0	0.0015	0.0018	0.005	0.002	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	3	0.002	0.148	0.39	0.075	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	4	1	0.0025	0.00325	0.008	0.001	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.0025	0.0025	0.0035	0.003	mg/L	<T
12 – Falconbridge, Onaping	MW 0100	4	0	0.0015	0.0027	0.005	0.001	mg/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	3	0.0025	0.021	0.022	0.11	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.0025	0.0025	0.0025	0.001	mg/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.0015	0.0015	0.005	0.001	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.0025	0.0025	0.0025	0.005	mg/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	4	4	0.01	0.0155	0.024	0.02	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	2	0.0041	0.00455	0.007			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.002	0.002	0.002			
24 – Teck – Corona, David Bell Mine	PR 0100	4	2	0.0041	0.00455	0.006	0.001	mg/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.002	0.002	0.002	0.001	mg/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.002	0.002	0.002			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.002	0.003	0.004	mg/L	<T
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.0005	0.0005	0.0005	0.001	mg/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	mg/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	mg/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.00096	0.00096	0.00096			
36 – American Barrick, McDermott	PR 0100	1	0	0.003	0.003	0.003	0.001	mg/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.0005	0.0005	0.0005			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.005	0.005	0.005			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.0005	0.0005	0.0005	0.001	mg/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.0005	0.0005	0.0005	0.001	mg/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	1	0.0005	0.00525	0.01	0.001	mg/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
53 – Rio Algom, Panel	SR 0100	4	1	0.003	0.003	0.005	0.001	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.003	0.003	0.003			
55 – Rio Algom, Quirke	PR 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.003	0.003	0.003	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.003	0.003	0.003			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.003	0.003	0.003			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.003	0.003	0.003	0.001	mg/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.003	0.003	0.002	mg/L	<T

Comparison of Audit and Monitoring Data — Chromium (hexavalent) — RMDL = 0.01 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
03 – Falconbridge, Falconbridge	PR 0100	0	0				0	mg/L	TC
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.01	0.01	0.01	0		
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	2	0.005	0.009	0.034	0		
09 – Falconbridge, Metallurgical	PR 0100	4	1	0.005	0.007	0.014	0	mg/L	TC
17 – Minnova, Winston Lake Mine	PR 0100	3	0	0.01	0.01	0.01	0	mg/L	TC
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.01	0.01	0.01			
24 – Teck – Corona, David Bell Mine	PR 0100	2	0	0.001	0.0055	0.01			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.01	0.01	0.01	0	mg/L	TC
26 – Placer Dome, Dome Mine	PR 0100	3	1	0.01	0.01	0.03			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.007	0.007	0.007			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.01	0.01	0.02			
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.01	0.01	0.01			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	1	0	0.01	0.01	0.01	0	mg/L	TC
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01			
32 – LAC Minerals, Macassa Division	PR 0100	3	1	0.01	0.01	0.02			
35 – Canamax, Marhill Mine	MW 0100	3	1	0.0031	0.01	3.1			
36 – American Barrick, McDermott	PR 0100	1	0	0.006	0.006	0.006			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.004	0.004	0.004			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.004	0.004	0.004			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	1	0.01	0.01	0.02			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.01	0.01	0.01			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01			
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01			
46 – Algoma Steel, Ore Division	PR 0100	1	0	0.01	0.01	0.01			
52 – Rio Algom, Lacnor/Nordic	SW 0100	0	0				0	mg/L	TC

Comparison of Audit and Monitoring Data — Mercury — RMDL = 0.0001 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	1	0.00008	0.00008	0.00013	0.02	ug/L	<W
							0.02	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	12	0	0.00008	0.00008	0.000099	0.06	ug/L	<T
							0.02	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	12	0	0.0001	0.0001	0.0001	0.02	ug/L	<W
04 – INCO, Garson Mine	MW 0100	12	0	0.00008	0.00008	0.00008	0.03	ug/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	12	0	0.00005	0.0001	0.0001	0.03	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	0	0.0001	0.0001	0.0001	0.02	ug/L	<W
07 – INCO, Levack Mine	MW 0100	11	1	0.00008	0.00008	0.00055	0.02	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	11	0	0.0001	0.0001	0.0001	0.04	ug/L	<T
09 – Falconbridge, Metallurgical	PR 0100	12	0	0.0001	0.0001	0.0001	0.02	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	12	1	0.00008	0.00008	0.00018	0.02	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	12	1	0.000019	0.00008	0.0008	0.02	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	10	0	0.0001	0.0001	0.0001	0.02	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	12	0	0.00008	0.00008	0.00008	0.04	ug/L	<T
14 – INCO, Shebandowan Mine	PR 0100	12	1	0.00008	0.00008	0.00014	0.02	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	11	0	0.0001	0.0001	0.0001	0.02	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	8	0	0.00008	0.00008	0.00008	0.02	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	9	2	0.00005	0.0001	0.00081	0.1	ug/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	11	2	0.0001	0.0001	0.0006			
21 – Canamax, Bell Creek Mine	PR 0100	3	0	0.000056	0.000056	0.000056			
24 – Teck – Corona, David Bell Mine	PR 0100	9	3	0.0001	0.0001	0.0016	0.02	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	12	5	0.0001	0.0001	0.0002	0.02	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	11	6	0.0001	0.0001	0.0005			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	5	0.0008	0.0027	0.0044			
28 – Eastmaque Gold Mines	PR 0100	13	2	0.00005	0.0001	0.00025	0.08	ug/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	1	0.0001	0.00011	0.00012			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	6	2	0.0001	0.0001	0.002	0.02	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	5	0	0.0001	0.0001	0.0001	0.02	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	12	6	0.00005	0.0001	0.00046	0.02	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.02	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	11	1	0.000056	0.000056	0.11			
36 – American Barrick, McDermott	PR 0100	3	1	0.000019	0.000019	0.0017	0.02	ug/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	2	0.0001	0.0001	0.0002			
38 – LAC Minerals, Williams Mine	PR 0200	6	0	0.0001	0.0001	0.0001			
38 – LAC Minerals, Williams Mine	MW 0100	2	2	0.0009	0.00095	0.001			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	2	0.0001	0.0001	0.00012			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	0	0.0001	0.0001	0.0001			
42 – Renabie Gold Mines	PR 0100	8	8	0.00013	0.0002	0.002	0.02	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	5	0	0.0001	0.0001	0.0001	0.04	ug/L	<T
46 – Algoma Steel, Ore Division	PR 0100	6	2	0.00005	0.00005	0.0015	0.04	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	12	1	0.000019	0.000019	0.00015	0.02	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	12	0	0.000019	0.000019	0.000019			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	1	0.000019	0.000019	0.00016	0.02	ug/L	<W
53 – Rio Algom, Panel	SR 0100	12	0	0.000019	0.000019	0.00006	0.02	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	6	0	0.000019	0.000019	0.000019			
55 – Rio Algom, Quirke	PR 0100	12	0	0.000019	0.000019	0.000019	0.02	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	4	0.00029	0.00075	0.0074	2.49	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.000019	0.000019	0.000019	0.02	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.000019	0.000019	0.000019			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.000019	0.000019	0.000019			
58 – Rio Algom, Stanleigh	SR 0100	12	0	0.000019	0.000019	0.00008	0.02	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	12	1	0.000019	0.000019	0.0001	0.02	ug/L	<W

Comparison of Audit and Monitoring Data — Phenolics (4AAP) — RMDL = 2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	10	2	3	33	7.2	ug/L	
							2.4	ug/L	
02 – INCO, Crean Hill Mine	MW 0100	12	11	2	4.15	6.1	35.6	ug/L	
							1.2	ug/L	
03 – Falconbridge, Falconbridge	PR 0100	12	7	2	8.35	26	1	ug/L	<T
04 – INCO, Garson Mine	MW 0100	12	6	1	2.5	4	0.8	ug/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	12	6	1	1.7	3	2.6	ug/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	11	8	2	6	18	5.4	ug/L	
07 – INCO, Levack Mine	MW 0100	11	10	2	3.8	15	5.6	ug/L	UQC
08 – Falconbridge, Lockerby	MW 0100	11	10	2	9	24.5	1.4	ug/L	
09 – Falconbridge, Metallurgical	PR 0100	12	10	2	4.5	7	2	ug/L	
10 – INCO, Refinery, Sudbury	SR 0100	12	12	3	19.2	75	3.8	ug/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	10	1	3	10	0.8	ug/L	<T
12 – Falconbridge, Onaping	MW 0100	10	7	2	6.25	25.5	2.4	ug/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	9	1	3	14	0.6	ug/L	<T
14 – INCO, Shebandowan Mine	PR 0100	12	10	2	3	91	0.8	ug/L	<T
15 – Falconbridge, Strathcona	PR 0100	11	9	2	9	19.5	1	ug/L	<T
16 – INCO, Whistle Mine	MW 0100	8	4	1	2.5	8.9	0.8	ug/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	9	0	0.2	0.2	1	0.6	ug/L	<T
19 – Dickenson, Arthur W. White Mine	PR 0100	11	7	0.2	33	276			
21 – Canamax, Bell Creek Mine	PR 0100	3	1	0.57	0.6	9			
24 – Teck – Corona, David Bell Mine	PR 0100	9	5	2	11.8	253	2	ug/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	12	0	1	1	1	2.2	ug/L	
26 – Placer Dome, Dome Mine	PR 0100	11	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	1	0.2	0.2	10	1.2	ug/L	
28 – Eastmaque Gold Mines	PR 0100	13	10	2	4.3	265	0.6	ug/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	1	2	4.25	6.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	5	0	0.2	1	2	1	ug/L	<T
31 – Canamax, Kremzar Mine	PR 0100	5	0	0.2	0.2	2	0.8	ug/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	12	9	2	6.1	23.6	1.4	ug/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1.4	ug/L	
35 – Canamax, Marhill Mine	MW 0100	11	2	0.2	1	3.4			
36 – American Barrick, McDermott	PR 0100	3	3	8	19	24			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	7	2	2.5	7			
38 – LAC Minerals, Williams Mine	PR 0200	6	0	0.2	0.2	0.328	1	ug/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	2	0	0.2	0.205	0.21			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	10	4	42.7	668			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	70.5	118	165			
42 – Renabie Gold Mines	PR 0100	8	0	0.2	0.2	2	1.2	ug/L	
45 – St. Andrews Gold Fields	PR 0100	5	0	0.2	0.2	0.2	1	ug/L	<T
46 – Algoma Steel, Ore Division	PR 0100	6	1	0.2	2	4	0.4	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	12	8	1	2	9	2.6	ug/L	
51 – Denison Mines, Denison Property	SW 0200	12	6	0.3	1.5	6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	0	0.3	1	1	0.6	ug/L	<T
53 – Rio Algom, Panel	SR 0100	13	3	0.2	1	9	1	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	6	1	0.2	1	2			
55 – Rio Algom, Quirke	PR 0100	12	4	0.2	1	4	0.6	ug/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	9	6	0.2	4	28	2.8	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	3	0.3	1	2	0.6	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	9	2	0.3	1	2			
57 – Cameco, Refinery, Port Hope	SR 0300	9	2	0.3	1	2			
58 – Rio Algom, Stanleigh	SR 0100	13	1	0.3	1	2	0.8	ug/L	<T
59 – Denison Mines, Stanrock	SW 0100	12	6	0.3	1.5	7	0.6	ug/L	

Comparison of Audit and Monitoring Data — 1,1,2,2–Tetrachloroethane — RMDL = 4.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1	1.7	3.5	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.43	0.43	1	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1	1.7	3.5	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1	1.7	3.5	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.43	0.43	0.43			
15 – Falconbridge, Strathcona	PR 0100	4	0	1	1.7	3.5	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.43	0.43	0.43	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.43	0.43	0.43			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.43	0.43	0.43			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.6	0.6	0.6			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.43	0.715	1	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.43	0.43	0.43			
36 – American Barrick, McDermott	PR 0100	1	0	0.43	0.43	0.43	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.5	0.5	0.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.43	0.43	0.43	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.43	0.43	0.43			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	3.5	3.5	3.5	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.5	0.5	0.5	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1	1	1	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.43	0.43	0.43			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.43	0.43	0.43			
55 – Rio Algom, Quirke	PR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.43	6.22	12	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.43	0.43	0.43	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.43	0.43	0.43			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.43	0.43	0.43			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.43	0.43	0.43	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.43	0.43	0.43	1	ug/L	<W

Comparison of Audit and Monitoring Data — 1,1,2–Trichloroethane — RMDL = 0.6 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.6	0.6	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.4	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.6	0.6	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.4	0.4	0.4	0.6	ug/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.4	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.6	0.6	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.4	0.4	0.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.6	0.6	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.4	0.4	0.4	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.5	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	1	0.1	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.21	0.21	0.21			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.6	0.6	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.57	0.57	0.57			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<T
35 – Canamax, Marhill Mine	MW 0100	4	0	0.21	0.21	0.21			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.6	0.6	0.6			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.57	0.585	0.6	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.57	0.57	0.57			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.6	0.6	0.6	0.6	ug/L	<T
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	8	ug/L	
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.6	12.3	24	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.6	0.6	0.6	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 1,1-Dichloroethane — RMDL = 0.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	4	0.9	0.9	2.2	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	4	0.9	0.9	0.9	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.8	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	4	0.9	0.9	0.9	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.08	0.08	0.2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	3	0.5	0.9	0.9	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.8	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	4	0.9	0.9	0.9	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	3	0.5	0.9	0.9	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.8	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	2	0.5	0.7	0.9	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	2	0.5	0.7	2			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.8	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	2	0.9	0.9	0.9	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.5	0.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.2	0.2	0.2			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.5	0.5	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.33	0.33	0.33			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.2	0.2	0.27			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.505	0.51	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.51	0.51	0.51			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	0.8	0.8	0.8	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.5	10.3	20	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.5	0.5	0.5	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 1,1-Dichloroethylene — RMDL = 2.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.9	1.5	2.7	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.28	0.28	0.5	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.5	0.5	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.9	1.5	2.7	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.5	0.5	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.9	1.5	2.7	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.5	0.5	0.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.9	1.5	2.7	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.5	0.5	0.5	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.5	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.28	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.32	0.32	0.32			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.28	0.4	0.4	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.85	0.85	0.85			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.28	0.39	0.5	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.32	0.32	0.32			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.5	0.5	0.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.36	0.38	0.4	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.36	0.36	0.36			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	2.7	2.7	2.7	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.9	0.9	0.9	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2-Dichlorobenzene — RMDL = 1.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.6	1	1.3	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.14	0.14	0.2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.4	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.6	1	1.3	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.4	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.6	1	1.3	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	1	0.6	1.15	1.94	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.14	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.24	0.24	0.24			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.14	0.4	1.1	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.42	0.42	0.42			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.14	0.17	0.2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.24	0.24	0.24			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.39	0.745	1.1	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.39	0.39	0.39			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	1.3	1.3	1.3	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data 1,2–Dichloroethane RMDL = 0.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.6	0.7	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.08	0.08	0.2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.4	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.6	0.7	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.4	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.6	0.7	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.6	0.7	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.51	0.51	0.51			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.4	0.4	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.48	0.48	0.48			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	0.51	0.51	0.82			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.2	0.2	0.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.39	0.395	0.4	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.39	0.39	0.39			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.2	0.2	0.2	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	1	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2–Dichloropropane — RMDL = 0.9 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.6	0.7	0.8	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.09	0.09	0.2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.5	0.7	0.7	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.6	0.7	0.8	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.5	0.7	0.7	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.6	0.7	0.8	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.7	0.7	0.7			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.6	0.7	0.8	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.7	0.7	0.7	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.5	0.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.2	0.2	0.2			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.5	0.5	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.61	0.61	0.61			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.2	0.2	0.2			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.2	0.2	0.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.52	0.54	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.54	0.54	0.54			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	0.8	0.8	0.8	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.2	0.2	0.2	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.6	0.6	0.6	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.5	10.3	20	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.5	0.5	0.5	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5	1	ug/L	<W

Comparison of Audit and Monitoring Data — 1,3–Dichlorobenzene — RMDL = 1.1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	1	0.7	0.8	1.5	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.11	0.11	0.2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.7	0.8	1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.7	0.8	1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	1	0.7	0.9	1.61	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.11	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.23	0.23	0.23			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.11	0.3	0.3	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.19	0.19	0.19			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.11	0.155	0.2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.23	0.23	0.23			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.5	0.5	0.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.315	0.33	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.33	0.33	0.33			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.3	6.15	12	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.3	0.3	0.3	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 1,4–Dichlorobenzene — RMDL = 1.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.9	1	1.5	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.17	0.17	0.2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.2	0.6	0.6	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.9	1	1.5	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.2	0.6	0.6	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.9	1	1.5	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.9	1.01	1.5	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.17	0.2	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.22	0.22	0.22			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.17	0.2	0.2	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.17	0.185	0.2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.22	0.22	0.22			
36 – American Barrick, McDermott	PR 0100	1	0	0.2	0.2	0.2	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.2	0.22	0.24	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.24	0.24	0.24			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	1.5	1.5	1.5	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.9	0.9	0.9	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.2	0.2	0.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.2	0.2	0.2			
55 – Rio Algom, Quirke	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.2	4.1	8	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.2	0.2	0.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.2	0.2	0.2			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.2	0.2	0.2	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.2	0.2	0.2	1	ug/L	<W

Comparison of Audit and Monitoring Data — Bromoform — RMDL = 3.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	2	3.5	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.37	1	1	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	2	3.5	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.37	1	1	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	2	3.5	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	2	3.5	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	2	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.37	0.37	0.37			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.49	0.49	0.49			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.37	0.37	0.37	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.4	1.4	1.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.37	1.19	2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.49	0.49	0.49			
36 – American Barrick, McDermott	PR 0100	1	0	0.37	0.37	0.37	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.9	0.9	0.9			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.37	0.37	0.37	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.37	0.37	0.37			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.5	3.5	3.5	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.9	0.9	0.9	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.37	0.37	0.37	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.37	0.37	0.37			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.37	0.37	0.37	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.37	0.37	0.37	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.37	0.37	0.37			
55 – Rio Algom, Quirke	PR 0100	4	0	0.37	0.37	0.37	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.37	6.19	12	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.37	0.37	0.37	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.37	0.37	0.37			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.37	0.37	0.37			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.37	0.37	0.37	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.37	0.37	0.37	1	ug/L	<W

Comparison of Audit and Monitoring Data — Bromomethane — RMDL = 3.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.8	0.8	0.8			
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.8	0.8	0.8			
03 – Falconbridge, Falconbridge	PR 0100	4	1	2.1	3.15	37.1			
04 – INCO, Garson Mine	MW 0100	4	0	0.8	0.8	0.8			
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2			
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.4	1.4	1.4			
07 – INCO, Levack Mine	MW 0100	4	0	0.8	0.8	2.4			
08 – Falconbridge, Lockerby	MW 0100	4	0	2.1	2.35	3.7			
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.4	1.4	1.4			
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.8	0.8	0.8			
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.8	0.8	2.4			
12 – Falconbridge, Onaping	MW 0100	4	0	2.1	2.35	3.7			
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.8	0.8	0.8			
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.8	0.8	0.8			
15 – Falconbridge, Strathcona	PR 0100	4	0	2.1	2.35	3.7			
16 – INCO, Whistle Mine	MW 0100	2	0	0.8	0.8	0.8			
17 – Minnova, Winston Lake Mine	PR 0100	4	0	2	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.37	2.4	2.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.83	0.83	0.83			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.37	2.4	2.4			
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2			
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.58	2.58	2.58			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2			
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.37	1.19	2			
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2			
35 – Canamax, Marhill Mine	MW 0100	4	0	0.37	0.83	0.83			
36 – American Barrick, McDermott	PR 0100	1	0	2.4	2.4	2.4			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.4	1.4	1.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	1.4	2.4			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.4	3.4	3.4			
45 – St. Andrews Gold Fields	PR 0100	1	0	1.4	1.4	1.4			
46 – Algoma Steel, Ore Division	PR 0100	2	0	2.6	2.6	2.6			
51 – Denison Mines, Denison Property	PR 0100	4	0	2.4	2.4	2.4			
51 – Denison Mines, Denison Property	SW 0200	4	0	2.4	2.4	2.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.4	2.4	2.4			
53 – Rio Algom, Panel	SR 0100	4	0	2.4	2.4	2.4			
54 – Rio Algom, Pronto	SW 0100	3	0	2.4	2.4	2.4			
55 – Rio Algom, Quirke	PR 0100	4	0	2.4	2.4	2.4			
56 – Cameco, Refinery, Blind River	SR 0300	4	2	2.4	49.2	96			
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.4	2.4	2.4			
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.4	2.4	2.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.4	2.4	2.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	2.4	2.4	2.4			
59 – Denison Mines, Stanrock	SW 0100	4	0	2.4	2.4	2.4			

Comparison of Audit and Monitoring Data — Carbon tetrachloride — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.9	1.2	1.2	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.13	0.13	0.2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.9	1.2	1.2	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.9	1.2	1.2	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.9	1.2	1.2	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.93	0.93	0.93			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.13	0.3	0.3	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.16	1.16	1.16			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.165	0.2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.93	0.93	0.93			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	1.2	1.2	1.2	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.9	0.9	0.9	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.5	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	3	0.3	8.3	76	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.5	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.3	6.15	12	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.3	0.3	0.3	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Chlorobenzene — RMDL = 0.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.55	0.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.07	0.07	0.2	0.8	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.55	0.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.55	0.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.55	0.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.26	0.26	0.26			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.6	0.6	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.38	0.38	0.38			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.26	0.26	0.26			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.6	0.6	0.6	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	0.6	0.6	0.6	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.6	12.3	24	30	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.6	0.6	0.6	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Chloroform — RMDL = 0.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	2	0.3	0.65	1.7	2	ug/L	<T
							0.6	ug/L	<T
02 – INCO, Crean Hill Mine	MW 0100	4	1	0.3	0.3	1.2	4	ug/L	
							1.2	ug/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	1	0.3	0.7	13.9	1.2	ug/L	<T
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	1	ug/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.07	0.07	0.2	1	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	2	0.7	0.925	1.2	1.2	ug/L	<T
07 – INCO, Levack Mine	MW 0100	4	1	0.3	0.3	1.4	1	ug/L	<T
08 – Falconbridge, Lockerby	MW 0100	4	3	0.7	1.6	11.2	2.6	ug/L	
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.7	0.7	0.7	1	ug/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	3	0.5	1.5	2.1	3	ug/L	
11 – INCO, Nolin Creek T.P.	SW 0100	4	1	0.3	0.35	0.8	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	2	0.3	0.75	6.18	2	ug/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	4	2	0.3	0.55	1.6	0.8	ug/L	<T
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.5			
15 – Falconbridge, Strathcona	PR 0100	4	1	0.3	0.7	16	1	ug/L	<T
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	2	0.1	0.85	1.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.55	0.55	0.55			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.4	0.44	1	ug/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<T
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.66	0.66	0.66			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.2	0.2	1.1	1	ug/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	1	0.2	0.6	1.6	2	ug/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<T
35 – Canamax, Marhill Mine	MW 0100	4	1	0.55	0.55	2.4			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	2	ug/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.36	0.38	0.4	2	ug/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.36	0.36	0.36			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	1	0.2	0.2	1.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	1.5	1.5	1.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	4	ug/L	
45 – St. Andrews Gold Fields	PR 0100	1	0	0.7	0.7	0.7	1	ug/L	<T
46 – Algoma Steel, Ore Division	PR 0100	2	1	0.7	4.21	7.71	2	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	1	ug/L	<T
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	1	ug/L	<T
53 – Rio Algom, Panel	SR 0100	4	2	0.4	0.6	1.4	1	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	1	ug/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	4	2	17	38	4.6	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	1.8	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	1	ug/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	1	ug/L	<T

Comparison of Audit and Monitoring Data — Chloromethane — RMDL = 3.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	1	3.3	3.5	4	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.8	0.8	0.8	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	2.3	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	3.3	3.5	4	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.8	0.8	0.8	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	2.3	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	3.3	3.5	4	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	1	3.3	3.5	4	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	2	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.37	2.3	2.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.65	0.65	0.65			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.37	2.3	2.3	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.87	1.87	1.87			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.37	1.19	2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	0.65	0.65	4.6			
36 – American Barrick, McDermott	PR 0100	1	0	2.3	2.3	2.3	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.37	1.34	2.3	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.37	0.37	0.37			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.7	3.7	3.7	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.8	0.8	0.8	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	3.3	3.3	3.3	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	2.3	2.3	2.3	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	2.3	2.3	2.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.3	2.3	2.3	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	2.3	2.3	2.3	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	2.3	2.3	2.3			
55 – Rio Algom, Quirke	PR 0100	4	0	2.3	2.3	2.3	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	2.3	47.2	92	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.3	2.3	2.3	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.3	2.3	2.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.3	2.3	2.3			
58 – Rio Algom, Stanleigh	SR 0100	5	0	2.3	2.3	2.3	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	2.3	2.3	2.3	1	ug/L	<W

Comparison of Audit and Monitoring Data — Cis–1,3–Dichloropropylene — RMDL = 1.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	1	1.4	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.14	0.14	0.5	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.5	0.5	0.7	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	1	1.4	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.5	0.5	0.7	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	1	1.4	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.5	0.5	0.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	1	1.4	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.5	0.5	0.5	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.5	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.14	0.7	0.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.27	0.27	0.27			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.14	0.5	0.7	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.53	0.53	0.53			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.14	0.32	0.5	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.27	0.27	0.27			
36 – American Barrick, McDermott	PR 0100	1	0	0.7	0.7	0.7	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.2	0.2	0.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.69	0.695	0.7	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.69	0.69	0.69			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	1.4	1.4	1.4	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.2	0.2	0.2	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.7	0.7	0.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.7	0.7	0.7			
55 – Rio Algom, Quirke	PR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.7	14.4	28	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.7	0.7	0.7	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.7	0.7	0.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.7	0.7	0.7			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.7	0.7	0.7	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.7	0.7	0.7	1	ug/L	<W

Comparison of Audit and Monitoring Data — Dibromochloromethane — RMDL = 1.1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.6	0.9	1.1	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.4	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.6	0.9	1.1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.4	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.6	0.9	1.1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.6	0.9	1.1	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.11	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.24	0.24	0.24			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.11	0.4	0.4	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.85	0.85	0.85			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.11	0.555	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.24	0.24	0.24			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagegagen Lake	PR 0100	4	0	1	1	1			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.41	0.42	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.42	0.42	0.42			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.1	1.1	1.1	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1	1	1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Ethylene dibromide — RMDL = 1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N > RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.6	0.9	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.4	0.6	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.6	0.9	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.4	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.6	0.9	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.4	0.4	0.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.6	0.9	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.4	0.4	0.4	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.18	0.18	0.18			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.6	0.6	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.69	0.69	0.69			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.55	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.18	0.18	0.18			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.6	0.6	0.6			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.57	0.585	0.6	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.57	0.57	0.57			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	2	0	0.9	0.9	0.9	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.6	12.3	24	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.6	0.6	0.6	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Methylene chloride — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	1	1	ug/L	<T
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	3	ug/L	<T
							4.5	ug/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	0	1	1	1.3	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	1	ug/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	4	1	0.2	0.6	2.9	1	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	1	0.8	0.8	6.9	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.6	0.6	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1	1	1.3	3	ug/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	1	0.8	0.8	2.47	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	1	0.6	0.6	1.5	1	ug/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.6	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1	1	1.3	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.7			
15 – Falconbridge, Strathcona	PR 0100	4	0	1	1	1.3	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	3.6	3.6	3.6			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.13	0.3	0.3	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	2	ug/L	<T
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.27	1.27	1.27			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	2	ug/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	1	1	1.1	973	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<T
35 – Canamax, Marhill Mine	MW 0100	4	3	0.92	5.7	53			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	2	ug/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.33	0.405	0.48	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.33	0.33	0.33			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	0.13	1.3	1.3	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	1	19.3	19.3	19.3	2	ug/L	<T
46 – Algoma Steel, Ore Division	PR 0100	2	0	1	1	1	1	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	2	ug/L	<T
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	1	0.3	0.3	66	2	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.3	50.2	130	25	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	2	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	5	1	0.3	0.3	5.5	1	ug/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	1	ug/L	<T

Comparison of Audit and Monitoring Data — Tetrachloroethylene — RMDL = 1.1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.8	0.85	1	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.11	0.11	0.5	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.2	0.3	0.3	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.8	0.85	1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.2	0.3	0.3	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.8	0.85	1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.8	0.85	1	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.5	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.11	0.2	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.21	0.21	0.21			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.11	0.2	0.81	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.87	0.87	0.87			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.11	0.305	0.5	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.21	0.21	0.21			
36 – American Barrick, McDermott	PR 0100	1	0	0.2	0.2	0.2	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.15	0.48	0.81	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.15	0.15	0.15			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.9	0.9	0.9	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.2	0.2	0.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.2	0.2	0.2			
55 – Rio Algom, Quirke	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.2	4.1	21	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.2	0.2	0.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.2	0.2	0.2			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.2	0.2	0.2	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Trans-1,2-Dichloroethylene — RMDL = 1.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	1	0.8	0.8	3.5	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1	1	1.1	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.14	0.14	0.2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.8	0.9	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1	1	1.1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.8	0.85	1	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.8	0.8	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1	1	1.1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	1	0.8	0.8	3			
15 – Falconbridge, Strathcona	PR 0100	4	0	1	1	1.1	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.8	0.8	0.8	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.14	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.2	0.2	0.2			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.14	0.4	0.4	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.65	0.65	0.65			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.14	0.17	0.2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.2	0.2	0.2			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.6	0.6	0.6			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.41	0.42	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.42	0.42	0.42			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Trans–1,3–Dichloropropylene — RMDL = 1.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	1	1.2	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.14	0.14	0.5	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.2	0.2	1.1	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	1	1.2	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.2	0.2	1.1	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	1	1.2	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.2	0.2	0.2			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	1	1.2	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.2	0.2	0.2	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.5	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.14	1.1	1.1			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.14	0.14	0.14			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.14	1.1	1.1	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.41	0.41	0.41			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.14	0.32	0.5	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.14	0.14	0.14			
36 – American Barrick, McDermott	PR 0100	1	0	1.1	1.1	1.1	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.14	0.62	1.1	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.14	0.14	0.14			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	1.2	1.2	1.2	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.1	1.1	1.1	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.1	1.1	1.1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.1	1.1	1.1	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.1	1.1	1.1	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.1	1.1	1.1			
55 – Rio Algom, Quirke	PR 0100	4	0	1.1	1.1	1.1	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	1.1	22.6	44	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.1	1.1	1.1	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.1	1.1	1.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.1	1.1	1.1			
58 – Rio Algom, Stanleigh	SR 0100	5	0	1.1	1.1	1.1	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.1	1.1	1.1	1	ug/L	<W

Comparison of Audit and Monitoring Data — Trichloroethylene — RMDL = 1.9 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.9	1.8	1.8	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.19	0.25	0.5	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.9	1.8	1.8	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.9	1.8	1.8	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.9	1.8	1.8	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.19	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.92	0.92	0.92			
24 – Teck – Corona, David Bell Mine	PR 0100	4	1	0.3	0.53	4.1	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.8	0.8	0.8			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.19	0.195	0.2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.92	0.92	0.92			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.53	0.76	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	1.8	1.8	1.8	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.9	0.9	0.9	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.3	6.15	21	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.6	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.3	0.3	0.3	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W

Comparison of Audit and Monitoring Data — Trichlorofluoromethane — RMDL = 1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.7	0.7	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.8	0.8	0.8	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.6	0.6	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.7	0.7	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.8	0.8	0.8	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.6	0.6	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.5	0.7	3.4	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.7	0.7	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.26	0.26	0.26			
24 – Teck – Corona, David Bell Mine	PR 0100	4	1	0.3	0.3	13.6	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.22	0.22	0.22			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	2	1.2	1.4	1.6	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.26	0.26	0.26			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	2	0	1	1	1	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.8	0.8	0.8	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.3	6.15	12	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.3	0.3	0.3	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	1	ug/L	<W

Comparison of Audit and Monitoring Data — Vinyl chloride — RMDL = 4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	3	3.15	4	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1			
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	2.9	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	3	3.15	4	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	2.9	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	3	3.15	4	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	3	3.15	4	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	2	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.4	2.9	2.9			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.74	0.74	0.74			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	2.9	2.9	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.39	2.39	2.39			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.4	1.2	2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.74	0.74	0.74			
36 – American Barrick, McDermott	PR 0100	1	0	2.9	2.9	2.9	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.9	0.9	0.9			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.9	1.9	2.9	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.9	0.9	0.9			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	4	4	4	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.9	0.9	0.9	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	3.3	3.3	3.3	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	2.9	2.9	2.9	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	2.9	2.9	2.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.9	2.9	2.9	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	2.9	2.9	2.9	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	2.9	2.9	2.9			
55 – Rio Algom, Quirke	PR 0100	4	0	2.9	2.9	2.9	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	2.9	59.5	116	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.9	2.9	2.9	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.9	2.9	2.9			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.9	2.9	2.9			
58 – Rio Algom, Stanleigh	SR 0100	5	0	2.9	2.9	2.9	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	2.9	2.9	2.9	1	ug/L	<W

Comparison of Audit and Monitoring Data — Benzene — RMDL = 0.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.1	0.1	0.1	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.1	0.1	0.1	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.1	0.1	0.1	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.05	0.1	0.2	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.05	0.2	0.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.1	0.1	0.2	0.5	ug/L	<T
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	1	0.2	0.2	2	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.1	0.1	0.1	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.1	0.1	0.2	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.1	0.1	0.1	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.1	0.1	0.1			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	1	0.1	0.35	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.1	0.1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.2	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	5.4	5.4	5.4			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.2	0.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.1	0.1	0.1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.1	0.1	0.1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.36	0.36	0.36			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.1	0.15	0.8	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.1	0.1	0.1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.1	0.1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.1	0.1	0.1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	3	0.19	2.74	4.4			
36 – Amencan Barrick, McDermott	PR 0100	1	0	0.2	0.2	0.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.2	0.2	0.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.2	0.2	0.2	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.1	0.1	0.1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.1	0.1	0.1			
42 – Renabie Gold Mines	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.2	0.2	0.2	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.2	0.2	0.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	1	0.2	0.2	0.9	0.4	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.2	0.2	0.2			
55 – Rio Algom, Quirke	PR 0100	4	1	0.2	0.2	1	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.2	16	220	5	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	1	0.2	0.2	1.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	1	0.2	0.2	2.3			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.2	0.2	0.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Styrene — RMDL = 0.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<T
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<T
02 – INCO, Crean Hill Mine	MW 0100	0	0				3.6	ug/L	
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.4	0.5	0.5	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.05	0.05	0.2	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.4	0.5	0.5	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.4	0.5	0.5	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.4	0.5	0.5	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.24	0.24	0.24			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.4	0.41	1.4	ug/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.25	0.25	0.25			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.24	0.24	0.24			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<T
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.4	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.2	ug/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Toluene — RMDL = 0.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	3	0.3	1.39	2.84	0.4	ug/L	<T
							1.4	ug/L	<T
02 – INCO, Crean Hill Mine	MW 0100	4	1	0.2	0.2	2.84	2	ug/L	
							0.4	ug/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	1	0.4	0.5	1.3	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	4	0.8	1.2	1.4	0.4	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.2	0.2	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	0.4	0.5	4.4	0.8	ug/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.2	0.2	0.4	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.2	0.2	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.4	0.5	0.8	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.2	0.2	0.22	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	1	0.2	0.2	1.18			
15 – Falconbridge, Strathcona	PR 0100	4	1	0.4	0.5	1	0.4	ug/L	<T
16 – INCO, Whistle Mine	MW 0100	2	1	0.2	3.9	7.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	1.22	1.22	1.22			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	1	0.47	2.59	4.7			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.2	0.25	1.5	0.2	ug/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.2	0.2	0.2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	1	0.2	0.4	0.6	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	2	0.24	0.61	2.1			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	1	0.4	0.4	2.3	0.4	ug/L	<T
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.6	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	30.7	110	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — m–Xylene and p–Xylene — RMDL = 1.1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.95	1	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	4	4.6	6.9	10	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.11	0.2	0.2	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.5	0.6	0.6	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.95	1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.5	0.6	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.95	1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.95	1	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	1	0.6	1.75	2.9	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.11	0.5	0.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	1.33	1.33	1.33			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.11	0.5	0.5	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.5	0.5	0.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.2	0.2	0.3	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.2	0.25	0.3	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.5	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.21	0.21	0.21			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.2	0.2	0.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	1	0.9	0.9	2.3	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.2	0.2	0.2	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	1	1	2	3	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<T
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.5	10.3	21	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.5	0.5	0.5	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W

Comparison of Audit and Monitoring Data o–Xylene RMDL = 0.5 ug/L

Company Identification	Control Point	Monitoring Data					Audit Data		
		Samples		Concentration					
		N	N >RMDL	Minimum	Median	Maximum	Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	4	2.3	4	5.5	3.6	ug/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	1	0.3	0.85	1.4	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	0.2	0.2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.19	0.19	0.19			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.1	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.2	0.2	0.2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.26	0.26	0.26			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.2	0.2	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.2	0.2	0.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.15	0.2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.2	0.2	0.2	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.19	0.19	0.19			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.05	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.2	0.2	0.2			
42 – Renabie Gold Mines	PR 0100	3	0	0.05	0.4	0.4	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	1	0.4	0.4	1.8	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.4	8.2	16	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	5	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Acrolein — RMDL = 4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2.9	4	4	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	1	1	4	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	4	4	4	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.9	0.9	3	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2.9	4	4	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	4	4	4	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.9	0.9	3	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2.9	4	4	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.9	0.9	0.9	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.9	0.9	0.9			
15 – Falconbridge, Strathcona	PR 0100	4	0	2.9	4	4	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.9	0.9	0.9	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	4	4	4			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.4	3	3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	2.1	2.1	2.1			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	3	3	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	4	4	4	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	4	4	4			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	3.86	3.86	3.86			
28 – Eastmaque Gold Mines	PR 0100	4	0	4	4	4	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	4	4	4			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.4	2.2	4	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	4	4	4	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	3	0	2.1	2.1	2.1			
36 – American Barrick, McDermott	PR 0100	1	0	3	3	3	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	4	4	4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	3	3	3	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	3	3	3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	4	4	4			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	4	4	4			
42 – Renabie Gold Mines	PR 0100	3	0	4	4	4	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	4	4	4	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	3.2	3.2	3.2	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	3	3	3	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	3	3	3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	3	3	3	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	3	3	3	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	3	3	3			
55 – Rio Algom, Quirke	PR 0100	4	0	3	3	3	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	3	61.5	120	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	3	3	3	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	3	3	3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	3	3	3			
58 – Rio Algom, Stanleigh	SR 0100	5	0	3	3	3	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	3	3	3	1	ug/L	<W

Comparison of Audit and Monitoring Data — Acrylonitrile — RMDL = 4.2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	9	ug/L	<T
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	1	2	2.6	29	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	4	ug/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	4.1	4.1	4.1	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1.9	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2	2.6	4	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	4.1	4.1	4.1	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1.9	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2	2.6	4	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	2	2.6	4	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	2	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.42	1.9	1.9			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	2.1	2.1	2.1			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.42	1.9	1.9	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.44	2.44	2.44			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.42	1.21	2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				3	ug/L	<T
35 – Canamax, Marhill Mine	MW 0100	3	0	1.97	2.1	2.1			
36 – American Barrick, McDermott	PR 0100	1	0	1.9	1.9	1.9	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	4.1	4.1	4.1			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.9	1.4	1.9	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.9	0.9	0.9			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	4	4	4	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	4.1	4.1	4.1	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	3.2	3.2	3.2	7	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	1.9	1.9	1.9	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.9	1.9	1.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.9	1.9	1.9	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.9	1.9	1.9	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.9	1.9	1.9			
55 – Rio Algom, Quirke	PR 0100	4	0	1.9	1.9	1.9	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	1.9	39	76	10	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.9	1.9	1.9	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.9	1.9	1.9			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.9	1.9	1.9			
58 – Rio Algom, Stanleigh	SR 0100	5	0	1.9	1.9	1.9	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.9	1.9	1.9	1	ug/L	<W

Comparison of Audit and Monitoring Data — Acenaphthene — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.7	0.7	1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.7	0.7	1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.7	0.7	1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.7	0.7	1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.7	0.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.13	0.13	0.13			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.7	0.7	0.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.8	0.8	0.8	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.13	0.13	0.13			
36 – American Barrick, McDermott	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.1	1.1	1.1	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.8	0.8	0.8	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1	1	1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.7	0.7	0.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.7	0.7	0.7			
55 – Rio Algom, Quirke	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.7	0.7	0.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.7	0.7	0.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.7	0.7	0.7			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Acenaphthylene — RMDL = 1.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.7	1.4	1.4	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.7	1.4	1.4	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.7	1.4	1.4	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.7	1.4	1.4	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.14	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.14	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.16	0.16	0.16			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.14	0.57	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.9	0.9	0.9	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.16	0.16	0.16			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.9	0.9	0.9			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.3	1.3	1.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.9	0.9	0.9	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 1-Chloronaphthalene — RMDL = 2.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.3	2.5	2.5	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.25	0.25	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.3	2.5	2.5	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.3	2.5	2.5	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.3	2.5	2.5	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.25	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.25	0.8	0.8			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.25	0.25	0.25			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.8	0.8	0.8			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.25	0.625	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.25	0.25	0.25			
36 – American Barrick, McDermott	PR 0100	1	0	0.8	0.8	0.8	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	2.4	2.4	2.4	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.3	1.3	1.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.8	0.8	0.8			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.8	0.8	0.8			
55 – Rio Algom, Quirke	PR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.8	0.8	0.8	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.8	0.8	0.8			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.8	0.8	0.8			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.8	0.8	0.8	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 1 – Methylnaphthalene — RMDL = 3.2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2.1	3	3	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	1	2	2.85	5.2	6.2	ug/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.7	1.7	1.7	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	1.2	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2.1	3	3	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.7	1.7	1.7	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2.1	3	3	0.6	ug/L	UIN
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	2.1	3	3	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.32	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.32	2.2	2.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.32	0.32	0.32			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.2	2.2	2.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.32	1.16	2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.7	1.7	1.7	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.32	0.32	0.32			
36 – American Barrick, McDermott	PR 0100	1	0	2.2	2.2	2.2	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.7	1.7	1.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.32	0.32	0.32	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.32	0.32	0.32			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.1	3.1	3.1	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.7	1.7	1.7	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	2.1	2.1	2.1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	2.2	2.2	2.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	2.2	2.2	2.2			
55 – Rio Algom, Quirke	PR 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	2.2	2.2	2.2	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.2	2.2	2.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.2	2.2	2.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	2.2	2.2	2.2	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 2,4 – Dinitrotoluene — RMDL = 0.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.7	0.7	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.7	0.7	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.7	0.7	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.7	0.7	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.5	0.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.61	0.61	0.61			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.5	0.5	0.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.61	0.61	0.61			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.5	0.5	0.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.5	0.5	0.5	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.5	0.5	0.5	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 2,6–Dinitrotoluene — RMDL = 0.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.3	0.7	0.7	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.7	0.7	0.7	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.3	0.7	0.7	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.7	0.7	0.7	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.3	0.7	0.7	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.3	0.7	0.7	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.49	0.49	0.49			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.6	0.6	0.6			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.7	0.7	0.7	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.49	0.49	0.49			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.6	0.6	0.6	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.7	0.7	0.7	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.6	0.6	0.6	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 2-Chloronaphthalene — RMDL = 1.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	1.8	1.8	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.8	1.8	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.8	1.8	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.8	1.8	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.18	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.18	0.9	0.9			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.23	0.23	0.23			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.9	0.9	0.9			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.18	0.59	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.23	0.23	0.23			
36 – American Barrick, McDermott	PR 0100	1	0	0.9	0.9	0.9	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.1	1.1	1.1			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.7	1.7	1.7	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.9	0.9	0.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.9	0.9	0.9			
55 – Rio Algom, Quirke	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.9	0.9	0.9	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.9	0.9	0.9			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.9	0.9	0.9			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2-Methylnaphthalene — RMDL = 2.2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2	2.1	2.1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	4	2.7	3	7	10.4	ug/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.7	1.7	1.7	0.4	ug/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	1.5	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2	2.1	2.1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2	2.1	2.1	0.6	ug/L	UIN
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	2	2.1	2.1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.22	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.22	1.5	1.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.22	0.22	0.22			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.5	1.5	1.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.22	1.11	2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.22	0.22	0.22			
36 – American Barrick, McDermott	PR 0100	1	0	1.5	1.5	1.5	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.7	1.7	1.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.22	0.22	0.22	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.22	0.22	0.22			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	2	2	2	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	2	2	2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.5	1.5	1.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.5	1.5	1.5			
55 – Rio Algom, Quirke	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.5	1.5	1.5	0.2	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.5	1.5	1.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.5	1.5	1.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 4 – Bromophenyl phenyl ether — RMDL = 0.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.3	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.3	0.3	0.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.3	0.3			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.26	0.26	0.26			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.3	0.3	0.3			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.3	0.3	0.3			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.2	0.3	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.3	0.3	0.3	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.26	0.26	0.26			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.3	0.3	0.3			
42 – Renabie Gold Mines	PR 0100	3	0	0.3	0.3	0.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 4-Chlorophenyl phenyl ether — RMDL = 0.9 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.9	0.9			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.2	0.2	0.2			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.9	0.9	0.9			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.2	0.2	0.2			
36 – American Barrick, McDermott	PR 0100	1	0	0.9	0.9	0.9	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.9	0.9	0.9	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.9	0.9	0.9			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.8	0.8	0.8	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.9	0.9	0.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.9	0.9	0.9			
55 – Rio Algom, Quirke	PR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.9	0.9	0.9	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.9	0.9	0.9			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.9	0.9	0.9			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.9	0.9	0.9	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 5–nitro, Acenaphthene — RMDL = 4.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
							1	ug/L	<T
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	3.5	3.5	3.8	1	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	4.3	4.3	4.3	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	3.5	3.5	3.8	1	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	4.3	4.3	4.3	1	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	3.5	3.5	3.8	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	3.5	3.5	3.8	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	1	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.43	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.43	1.8	1.8			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.53	0.53	0.53			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	1	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.8	1.8	1.8			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.43	1.22	2	1	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	4.3	4.3	4.3	1	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	1	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.53	0.53	0.53			
36 – American Barrick, McDermott	PR 0100	1	0	1.8	1.8	1.8	1	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	4.3	4.3	4.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.43	0.43	0.43	1	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.43	0.43	0.43			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	1	0	2	2	2	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	4.3	4.3	4.3	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	3.8	3.8	3.8	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.8	1.8	1.8			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.8	1.8	1.8			
55 – Rio Algom, Quirke	PR 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.8	1.8	1.8	3	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.8	1.8	1.8			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.8	1.8	1.8			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.8	1.8	1.8	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.8	1.8	1.8	1	ug/L	<W

Comparison of Audit and Monitoring Data — Anthracene — RMDL = 1.2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.8	1	1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.8	1	1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.8	1	1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.8	1	1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.12	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.12	0.2	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.19	0.19	0.19			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.2	0.2	0.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.12	0.56	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.19	0.19	0.19			
36 – American Barrick, McDermott	PR 0100	1	0	0.2	0.2	0.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.5	0.5	0.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.2	0.2	0.2	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	0.8	0.8	0.8	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.8	0.8	0.8	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.2	0.2	0.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.2	0.2	0.2			
55 – Rio Algom, Quirke	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.2	0.2	0.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.2	0.2	0.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Benz(a)anthracene — RMDL = 0.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.3	0.5	0.5	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.3	0.5	0.5	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.3	0.5	0.5	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.5	0.5	0.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.3	0.5	0.5	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.5	0.5	0.5	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.2	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.27	0.27	0.27			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.2	0.2	0.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.27	0.27	0.27			
36 – American Barrick, McDermott	PR 0100	1	0	0.2	0.2	0.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.5	0.5	0.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.2	0.2	0.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.2	0.2	0.2			
55 – Rio Algom, Quirke	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.2	0.2	0.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.2	0.2	0.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Benzo(a)pyrene — RMDL = 0.6 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.5	0.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.6	0.6	0.6			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.5	0.5	0.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	0.6	0.6	1			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.6	0.6	0.6			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.6	0.6	0.6	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.5	0.5	0.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Benzo(b)fluoranthene — RMDL = 0.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.7	0.7	0.7			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.36	0.36	0.36			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.36	0.36	0.36			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Benzo(g,h,i)perylene — RMDL = 0.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.7	0.7	0.7			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.69	0.69	0.69			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	0.69	0.69	5			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Benzo(k)fluoranthene — RMDL = 0.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.7	0.7	0.7			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.58	0.58	0.58			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.58	0.58	0.58			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.7	0.7	0.7	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Benzylbutylphthalate — RMDL = 0.6 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.6	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.5	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.6	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.06	0.33	0.6	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.6	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.6	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.5	0.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.28	0.28	0.28			
24 – Teck – Corona, David Bell Mine	PR 0100	4	1	0.6	0.6	0.81	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.5	0.5	0.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.6	0.6	0.6			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.5	0.5	0.5	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.5	0.5	0.5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.3	0.5	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.5	0.5	0.5	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	0.28	0.28	1			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	1	0.6	0.6	1.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.6	0.6	0.6	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.5	0.5	0.5			
42 – Renabie Gold Mines	PR 0100	3	0	0.6	0.6	0.6	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.6	0.6	0.6	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	1	0.6	0.6	1	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Bis(2-chloroethoxy)methane — RMDL = 3.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.3	1.3	3.1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.3	1.3	3.1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.3	1.3	3.1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.3	1.3	3.1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.35	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.35	1.3	1.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.35	0.35	0.35			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.3	1.3	1.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.35	1.18	2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.35	0.35	0.35			
36 – American Barrick, McDermott	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.35	0.35	0.35	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.35	0.35	0.35			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.4	3.4	3.4	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	3.1	3.1	3.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.3	1.3	1.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.3	1.3	1.3			
55 – Rio Algom, Quirke	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.3	1.3	1.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.3	1.3	1.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.3	1.3	1.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Bis(2-chloroethyl)ether — RMDL = 4.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.8	2.6	2.6	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.2	1.2	1.2	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.8	2.6	2.6	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.2	1.2	1.2	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.8	2.6	2.6	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.8	2.6	2.6	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.44	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.44	1.8	1.8			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.44	0.44	0.44			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.8	1.8	1.8			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.44	1.22	2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.7	1.7	1.7	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.44	0.44	0.44			
36 – American Barrick, McDermott	PR 0100	1	0	1.8	1.8	1.8	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.2	1.2	1.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.8	0.8	0.8	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.8	0.8	0.8			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	4.3	4.3	4.3	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.2	1.2	1.2	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.8	1.8	1.8	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.8	1.8	1.8			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.8	1.8	1.8			
55 – Rio Algom, Quirke	PR 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.8	1.8	1.8	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.8	1.8	1.8			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.8	1.8	1.8			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.8	1.8	1.8	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Bis(2-chloroisopropyl)ether — RMDL = 2.2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	1	1.1	1.1	2.6	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.22	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.22	1.5	1.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.12	1.12	1.12			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.5	1.5	1.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.22	1.11	2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	1.12	1.12	1.12			
36 – American Barrick, McDermott	PR 0100	1	0	1.5	1.5	1.5	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.7	1.7	1.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	2.2	2.2	2.2	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.5	1.5	1.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.5	1.5	1.5			
55 – Rio Algom, Quirke	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.5	1.5	1.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.5	1.5	1.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.5	1.5	1.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Bis(2-ethylhexyl) phthalate — RMDL = 2.2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
							1	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
							1	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	1	2	2	2.9	1	ug/L	<T
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	2	0.5	1.7	3.7	1	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	2	2	2	1	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	1	1.5	1.5	5.6	1	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.3	2	2	2	ug/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.22	2	2	1	ug/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.5	1.5	1.5	1	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	1	ug/L	<T
12 – Falconbridge, Onaping	MW 0100	4	0	1.8	2	2	1	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	1	ug/L	<T
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.3	2	2	1	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	3	ug/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	4	1	0.22	2	7.4			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	1	0.22	1.4	3.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.31	0.31	0.31			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.4	1.4	1.4	1	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	1	ug/L	<T
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.4	1.4	1.4			
28 – Eastmaque Gold Mines	PR 0100	4	1	2	2	75.3	1	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.22	1.11	2	1	ug/L	<T
31 – Canamax, Kremzar Mine	PR 0100	1	1	8.9	8.9	8.9	1	ug/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	4	ug/L	<T
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	0.31	0.855	4			
36 – American Barrick, McDermott	PR 0100	1	0	1.4	1.4	1.4	3	ug/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	2	2	2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.22	0.22	0.22	1	ug/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.22	0.22	0.22			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	2.7	2.7	2.7			
42 – Renabie Gold Mines	PR 0100	3	0	2.1	2.1	2.1	1	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	2	2	2	1	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.3	1.3	1.3	1	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.4	1.4	1.4	2	ug/L	<T
51 – Denison Mines, Denison Property	SW 0200	4	0	1.4	1.4	1.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.4	1.4	1.4	1	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.4	1.4	1.4	1	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.4	1.4	1.4			
55 – Rio Algom, Quirke	PR 0100	4	0	1.4	1.4	1.4	1	ug/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	1	1.4	1.4	2.5	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	1	1.4	1.4	2.6	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.4	1.4	1.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.4	1.4	1.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.4	1.4	1.4	1	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.4	1.4	1.4	1	ug/L	<W

Comparison of Audit and Monitoring Data — Camphene — RMDL = 3.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration: Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2.7	3	3	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	3.5	3.5	3.5	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2.7	3	3	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	3.5	3.5	3.5	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2.7	3	3	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	2.7	3	3	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.35	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.35	1	1			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.35	0.35	0.35			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1	1	1			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.35	1.18	2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	3.5	3.5	3.5	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.35	0.35	0.35			
36 – American Barrick, McDermott	PR 0100	1	0	1	1	1	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	3.5	3.5	3.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	2.5	2.5	2.5	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	3.5	3.5	3.5	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	2.7	2.7	2.7	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1	1	1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1	1	1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1	1	1	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1	1	1	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1	1	1			
55 – Rio Algom, Quirke	PR 0100	4	0	1	1	1	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1	1	1	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1	1	1	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1	1	1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1	1	1			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1	1	1	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1	1	1	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Chrysene — RMDL = 0.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	2	0.3	0.5	0.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.3	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	2	0.3	0.5	0.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	2	0.3	0.5	0.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	1	0.3	0.3	10			
15 – Falconbridge, Strathcona	PR 0100	4	2	0.3	0.5	0.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.3	0.3			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.27	0.27	0.27			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.3	0.3	0.3			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.3	0.3	0.3			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.2	0.3	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.3	0.3	0.3	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.27	0.27	0.27			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.3	0.3	0.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.3	0.3	0.3			
42 – Renabie Gold Mines	PR 0100	3	0	0.2	0.2	0.2	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Di–n–butyl phthalate — RMDL = 3.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							6.2	ug/L	
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							1.2	ug/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	0	2.2	2.5	2.5	7.8	ug/L	
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	0.8	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.38	0.94	1.5	8	ug/L	
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.8	2	ug/L	<T
08 – Falconbridge, Lockerby	MW 0100	4	0	1.2	2.5	2.5	13	ug/L	
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.38	1.5	1.5	1.8	ug/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	1.6	ug/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.2	2.5	2.5	0.6	ug/L	<T
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	3	ug/L	<T
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.2	2.5	2.5	0.2	ug/L	<T
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	1	2	2.45	5.5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	1	1.1	1.1	9.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.5	1.5	1.5			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	5	ug/L	
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.8	0.8	0.8			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.38	1.19	2	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.5	1.5	1.5	2.6	ug/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	7	ug/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.4	ug/L	<T
35 – Canamax, Marhill Mine	MW 0100	4	0	0.82	0.82	0.82			
36 – American Barrick, McDermott	PR 0100	1	0	1.1	1.1	1.1	0.4	ug/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	2	1.5	5.05	29			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.8	0.8	0.8	2	ug/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.8	0.8	0.8			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.6	3.6	3.6	1.2	ug/L	<T
45 – St. Andrews Gold Fields	PR 0100	1	1	7.5	7.5	7.5	0.6	ug/L	<T
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.2	1.2	1.2	0.4	ug/L	<T
51 – Denison Mines, Denison Property	PR 0100	4	0	1.1	1.1	2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.1	1.1	1.1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.1	1.1	1.1	2	ug/L	<T
53 – Rio Algom, Panel	SR 0100	4	0	1.1	1.1	1.1	5	ug/L	
54 – Rio Algom, Pronto	SW 0100	3	0	1.1	1.1	1.1			
55 – Rio Algom, Quirke	PR 0100	4	0	1.1	1.1	1.1	2	ug/L	<T
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.1	1.1	1.1	5.6	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.1	1.1	1.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.1	1.1	1.1			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.1	1.1	1.1	2	ug/L	<T
59 – Denison Mines, Stanrock	SW 0100	4	0	1.1	1.1	1.1	0.4	ug/L	<T

Comparison of Audit and Monitoring Data — Dibenz(a,h)anthracene — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N > RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.4	0.4	1.3	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.4	0.4	1.3	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.4	0.4	1.3	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	1	1	1	10			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.4	0.4	1.3	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.28	1.28	1.28			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.8	0.8	0.8	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	1.28	1.28	10			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.2	1.2	1.2	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.8	0.8	0.8	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.3	1.3	1.3	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Diphenylamine — RMDL = 14 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
							2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
							2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	8	12.8	12.8	2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	1.4	1.4	2	2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	8	12.8	12.8	2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	8	12.8	12.8	2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.4	1.4	1.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	8	12.8	12.8	2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.4	1.4	1.4	2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1.4	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	1.4	1.9	1.9			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.4	1.4	1.4			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.9	1.9	1.9			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	1.4	1.7	2	2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.4	1.4	1.4	2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	1.4	1.4	1.4			
36 – American Barrick, McDermott	PR 0100	1	0	1.9	1.9	1.9	2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.4	1.4	1.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	1.4	1.4	1.4	2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	1.4	1.4	1.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	12	12	12	2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.4	1.4	1.4	2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	8	8	8	2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.9	1.9	1.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.9	1.9	1.9			
55 – Rio Algom, Quirke	PR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.9	1.9	1.9	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.9	1.9	1.9			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.9	1.9	1.9			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.9	1.9	1.9	2	ug/L	<W

Comparison of Audit and Monitoring Data — Fluoranthene — RMDL = 0.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.4	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	1	0.4	0.4	10			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.4	0.4	0.4	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.4	0.4			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.2	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.13	0.13	0.13			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.4	0.4	0.4			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.2	0.2	0.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.4	0.4	0.4			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.25	0.4	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.13	0.13	0.13			
36 – American Barrick, McDermott	PR 0100	1	0	0.2	0.2	0.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.4	0.4	0.4			
42 – Renabie Gold Mines	PR 0100	3	0	0.3	0.3	0.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.2	0.2	0.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.2	0.2	0.2			
55 – Rio Algom, Quirke	PR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.2	0.2	0.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.2	0.2	0.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.2	0.2	0.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Fluorene — RMDL = 1.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.55	1	0.2	ug/L	<T
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	1.2	1.2	12	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	1	0.3	0.3	10			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.2	1.2	1.67	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.17	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.17	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.17	0.17	0.17			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.17	0.585	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.17	0.17	0.17			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.7	1.7	1.7	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.2	1.2	1.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Indeno(1,2,3–cd)pyrene — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	1.3	1.3	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.3	1.3	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1	1	1	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.3	1.3	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.3	1.3	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.14	1.14	1.14			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.6	0.6	0.6			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1	1	1	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	1	1.14	1.14	5			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1	1	1			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.3	0.3	0.3	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.3	0.3	0.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.2	1.2	1.2	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1	1	1	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.6	0.6	0.6	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Indole — RMDL = 1.9 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	3	1	0.6	0.6	3.1	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1	1.1	1.1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1	1.1	1.1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1	1.1	1.1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	3	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	1	1	1.1	2.9	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.19	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.19	1.2	1.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.44	0.44	0.44			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.2	1.2	1.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.19	0.595	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.44	0.44	0.44			
36 – American Barrick, McDermott	PR 0100	1	0	1.2	1.2	1.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.9	0.9	0.9	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.9	0.9	0.9			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.9	1.9	1.9	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1	1	1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.2	1.2	1.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.2	1.2	1.2			
55 – Rio Algom, Quirke	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.2	1.2	1.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.2	1.2	1.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.2	1.2	1.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — N–Nitrosodi–n–propylamine — RMDL = 3.1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.3	1.3	2.1	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.3	1.3	2.1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.3	1.3	2.1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.3	1.3	2.1	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.31	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.31	2.1	2.1			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.31	0.31	0.31			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.1	2.1	2.1			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.31	1.16	2	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	1	29.2	29.2	29.2	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.31	0.31	0.31			
36 – American Barrick, McDermott	PR 0100	1	0	2.1	2.1	2.1	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.31	0.31	0.31	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.31	0.31	0.31			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	2.8	2.8	2.8	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.8	0.8	0.8	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	2.1	2.1	2.1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	2.1	2.1	2.1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	2.1	2.1	2.1			
55 – Rio Algom, Quirke	PR 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	2.1	2.1	2.1	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.1	2.1	2.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.1	2.1	2.1			
58 – Rio Algom, Stanleigh	SR 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	2.1	2.1	2.1	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — N–Nitrosodiphenylamine — RMDL = 14 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
							2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
							2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.4	10.4	12.8	2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	1.4	1.4	2	2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	8	12.8	12.8	2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.4	10.4	12.8	2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.4	1.4	1.4	2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.4	1.4	1.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	8	12.8	12.8	2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.4	1.4	1.4	2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1.4	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	1.4	1.9	1.9			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2	2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.9	1.9	1.9			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2	2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	1.4	1.7	2	2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.4	1.4	1.4	2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2	3	ug/L	<T
33 – Muscocho, Magnacon Mine	PR 0100	0	0				2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	3	0	1.4	1.4	1.4			
36 – American Barrick, McDermott	PR 0100	1	0	1.9	1.9	1.9	2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.4	1.4	1.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	1.4	1.4	1.4	2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	1.4	1.4	1.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	13	13	13	2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.4	1.4	1.4	2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	8	8	8	2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.9	1.9	1.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.9	1.9	1.9			
55 – Rio Algom, Quirke	PR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.9	1.9	1.9	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.9	1.9	1.9			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.9	1.9	1.9			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.9	1.9	1.9	2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.9	1.9	1.9	2	ug/L	<W

Comparison of Audit and Monitoring Data — Naphthalene — RMDL = 1.6 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	4	2.2	2.6	5	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.2	1.2	1.2	0.4	ug/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.16	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.16	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.17	0.17	0.17			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.495	0.69			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.16	0.58	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	1	3.2	3.2	3.2	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.17	0.17	0.17			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.2	1.2	1.2			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.6	0.6	0.6	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.2	1.2	1.2	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Perylene — RMDL = 1.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1	1	1.1	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1	1	1.1	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.8	0.8	0.8	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1	1	1.1	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	1	1	1.1	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.15	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.15	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.6	0.6	0.6			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.15	0.575	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.8	0.8	0.8	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.6	0.6	1			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.8	0.8	0.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.8	0.8	0.8	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	1.1	1.1	1.1	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Phenanthrene — RMDL = 0.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	1	0.3	0.35	0.4	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.4	0.4	0.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.3	0.4	0.4	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.4	0.4	0.4	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.4	0.4			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.2	0.2	0.2			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.4	0.4	0.4			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.4	0.4	0.4			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.25	0.4	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.2	0.2	0.2			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.4	0.4	0.4			
42 – Renabie Gold Mines	PR 0100	3	0	0.3	0.3	0.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Pyrene — RMDL = 0.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.4	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.4	0.4	0.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.4	0.4	0.4	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.4	0.4			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.3	0.3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.26	0.26	0.26			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.4	0.4	0.4			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.3	0.3	0.3			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.4	0.4	0.4			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.25	0.4	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.26	0.26	0.26			
36 – American Barrick, McDermott	PR 0100	1	0	0.3	0.3	0.3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.4	0.4	0.4			
42 – Renabie Gold Mines	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.3	0.3	0.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.3	0.3	0.3			
55 – Rio Algom, Quirke	PR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.3	0.3	0.3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.3	0.3	0.3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.3	0.3	0.3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,3,4,5–Tetrachlorophenol — RMDL = 0.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.1	0.1	0.4	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.4	0.4	0.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.4	0.4	0.4	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.4	0.4			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.04	0.04	0.04			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.4	0.4	0.4			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.4	0.4	0.4			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.25	0.4	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.04	0.04	0.04			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.4	0.4	0.4			
42 – Renabie Gold Mines	PR 0100	3	0	0.4	0.4	0.4	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,3,4,6–Tetrachlorophenol — RMDL = 2.8 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	2.7	2.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.28	0.28	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	2.7	2.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	2.7	2.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	2.7	2.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.28	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.28	0.7	0.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.28	0.28	0.28			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.7	0.7	0.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.28	0.64	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.5	1.5	1.5	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.28	0.28	0.28			
36 – American Barrick, McDermott	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.5	1.5	1.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.5	2.5	2.5	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.5	1.5	1.5	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.7	0.7	0.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.7	0.7	0.7			
55 – Rio Algom, Quirke	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.7	0.7	0.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.7	0.7	0.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.7	0.7	0.7			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,3,4-Trichlorophenol — RMDL = 0.6 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.4	0.4	0.6	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	0.6	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.4	0.4	0.6	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.4	0.4	0.6	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.4	0.4	0.6	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.1	0.6	0.6			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.1	0.5	0.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.06	0.06	0.06			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.6	0.6	0.6			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.5	0.5	0.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.6	0.6	0.6			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.1	0.35	0.6	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.6	0.6	0.6	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.06	0.06	0.06			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.6	0.6	0.6			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.6	0.6	0.6			
42 – Renabie Gold Mines	PR 0100	3	0	0.6	0.6	0.6	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.5	0.5	0.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,3,5,6 – Tetrachlorophenol — RMDL = 1.6 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100						0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100						0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	1.4	1.4	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.6	1.6	1.6	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.4	1.4	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.6	1.6	1.6	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.4	1.4	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.4	1.4	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.16	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.16	0.7	0.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.423	0.423	0.423			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.7	0.7	0.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.16	0.58	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.6	1.6	1.6	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0	0	0	0	0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.423	0.423	0.423			
36 – American Barrick, McDermott	PR 0100	1	0	0.7	0.7	0.7	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.6	1.6	1.6			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.25	1.25	1.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.6	1.6	1.6	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.7	0.7	0.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.7	0.7	0.7			
55 – Rio Algom, Quirke	PR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.7	0.7	0.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.7	0.7	0.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.7	0.7	0.7			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.7	0.7	0.7	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,3,5–Trichlorophenol — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	1.2	1.2	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.2	1.2	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.2	1.2	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.2	1.2	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.4	0.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.13	0.13	0.13			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.4	0.4	0.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.13	0.13	0.13			
36 – American Barrick, McDermott	PR 0100	1	0	0.4	0.4	0.4	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.3	1.3	1.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.4	0.4	0.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.4	0.4	0.4			
55 – Rio Algom, Quirke	PR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.4	0.4	0.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.4	0.4	0.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.4	0.4	0.4	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,4,5-Trichlorophenol — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1	1.3	1.3	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1	1.3	1.3	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1	1.3	1.3	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1	1.3	1.3	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.6	0.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.13	0.13	0.13			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.6	0.6	0.6			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.13	0.13	0.13			
36 – American Barrick, McDermott	PR 0100	1	0	0.6	0.6	0.6	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.6	0.6	0.6	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.6	0.6	0.6			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	1	1	1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.6	0.6	0.6			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.6	0.6	0.6			
55 – Rio Algom, Quirke	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.6	0.6	0.6	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.6	0.6	0.6			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.6	0.6	0.6			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,4,6–Trichlorophenol — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.9	1.2	1.2	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.9	1.2	1.2	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.9	1.2	1.2	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.9	1.2	1.2	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.7	1.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.13	0.13	0.13			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.2	1.2	1.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.13	0.13	0.13			
36 – American Barrick, McDermott	PR 0100	1	0	1.2	1.2	1.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.2	0.2	0.2	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.2	1.2	1.2	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	0.9	0.9	0.9	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.2	1.2	1.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.2	1.2	1.2			
55 – Rio Algom, Quirke	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.2	1.2	1.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.2	1.2	1.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.2	1.2	1.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,4-Dichlorophenol — RMDL = 1.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.6	1.6	1.7	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.6	1.6	1.7	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.6	1.6	1.7	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.6	1.6	1.7	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.17	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.17	0.7	1.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.07	1.07	1.07			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.2	1.2	1.2			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.17	0.585	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	1.07	1.07	1.07			
36 – American Barrick, McDermott	PR 0100	1	0	1.2	1.2	1.2	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.7	1.7	1.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.2	0.2	0.2	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.7	1.7	1.7	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.2	1.2	1.2			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.2	1.2	1.2			
55 – Rio Algom, Quirke	PR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.2	1.2	1.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.2	1.2	1.2			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.2	1.2	1.2			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.2	1.2	1.2	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,4-Dimethylphenol — RMDL = 7.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
							2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
							2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	4.3	6.5	6.5	2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	1	1	5	2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	5	5	5	2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	4.3	6.5	6.5	2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	5	5	5	2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	4.3	6.5	6.5	2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	4.3	6.5	6.5	2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.73	5	5			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.73	1.22	1.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.07	1.07	1.07			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	5	5	5	2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	5	5	5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.7	1.7	1.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	5	5	5	2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	5	5	5			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.73	2.87	5	2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	5	5	5	2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	5	5	5	2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	1.07	1.07	1.07			
36 – American Barrick, McDermott	PR 0100	1	0	1.7	1.7	1.7	2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	5	5	5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.73	0.73	0.73	2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.73	0.73	0.73			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	2	5	7	74.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	34.8	34.8	34.8			
42 – Renabie Gold Mines	PR 0100	3	0	6.8	6.8	6.8	2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	5	5	5	2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	4.3	4.3	4.3	2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.7	1.7	1.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.7	1.7	1.7			
55 – Rio Algom, Quirke	PR 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.7	1.7	1.7	23	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.7	1.7	1.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.7	1.7	1.7			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.7	1.7	1.7	2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.7	1.7	1.7	2	ug/L	<W

Comparison of Audit and Monitoring Data — 2,4—Dinitrophenol — RMDL = 42 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	4.2	4.2	4.2	0.5	ug/L	<W
							5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	4.2	4.2	4.2	5	ug/L	<W
							5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	17.8	25.6	33.2	5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	4.2	4.2	4.2	5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	4.2	4.2	10	5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	40	40	40	5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	4.2	4.2	4.2	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	17.8	25.6	33.2	5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	40	40	40	5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	4.2	4.2	4.2	5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	4.2	4.2	4.2	5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	17.8	25.6	33.2	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	4.2	4.2	4.2	5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	4.2	4.2	4.2			
15 – Falconbridge, Strathcona	PR 0100	4	0	17.8	25.6	33.2	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	4.2	4.2	4.2	5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	4.2	10	10			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	4.2	4.5	4.8			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	35	35	35			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	4.8	4.8	4.8	5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	10	10	10	5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	10	10	10			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	4.8	4.8	4.8			
28 – Eastmaque Gold Mines	PR 0100	4	0	10	10	10	5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	10	10	10			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	4.2	7.1	10	5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	40	40	40	5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	10	10	10	5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	35	35	35			
36 – American Barrick, McDermott	PR 0100	1	0	4.8	4.8	4.8	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	40	40	40			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	4.2	4.2	4.2	5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	4.2	4.2	4.2			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	10	10	10			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	10	10	10			
42 – Renabie Gold Mines	PR 0100	3	0	30	30	30	5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	40	40	40	5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	18	18	18	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	4.8	4.8	4.8	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	4.8	4.8	4.8			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	4.8	4.8	4.8	5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	4.8	4.8	4.8	5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	4.8	4.8	4.8			
55 – Rio Algom, Quirke	PR 0100	4	0	4.8	4.8	4.8	5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	4.8	4.8	4.8	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	4.8	4.8	4.8	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	4.8	4.8	4.8			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	4.8	4.8	4.8			
58 – Rio Algom, Stanleigh	SR 0100	4	0	4.8	4.8	4.8	5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	4.8	4.8	4.8	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 2,6 – Dichlorophenol — RMDL = 2 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2	2	2	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.8	1.8	1.8	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2	2	2	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.8	1.8	1.8	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2	2	2	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	2	2	2	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.2	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.2	0.65	1.1			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	1.94	1.94	1.94			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.1	1.1	1.1			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.2	0.6	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.8	1.8	1.8	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	1.94	1.94	1.94			
36 – American Barrick, McDermott	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.8	1.8	1.8			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.2	0.2	0.2	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.2	0.2	0.2			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.9	1.9	1.9	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.8	1.8	1.8	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	2	2	2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.1	1.1	1.1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.1	1.1	1.1			
55 – Rio Algom, Quirke	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.1	1.1	1.1	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.1	1.1	1.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.1	1.1	1.1			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 2–Chlorophenol — RMDL = 3.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6			
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6			
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.8	3.3	3.3			
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6			
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.5	0.5	2			
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	2.4	2.4	2.4			
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6			
08 – Falconbridge, Lockerby	MW 0100	4	0	1.8	3.3	3.3			
09 – Falconbridge, Metallurgical	PR 0100	4	0	2.4	2.4	2.4			
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6			
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6			
12 – Falconbridge, Onaping	MW 0100	4	0	1.8	3.3	3.3			
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6			
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.8	3.3	3.3			
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6			
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.37	2	2			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.37	1.7	2.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.432	0.432	0.432			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	2.7	2.7	2.7			
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	2	2	2			
26 – Placer Dome, Dome Mine	PR 0100	3	0	2	2	2			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.7	2.7	2.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	2	2	2			
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	2	2	2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.37	1.19	2			
31 – Canamax, Kremzar Mine	PR 0100	1	0	2.4	2.4	2.4			
32 – LAC Minerals, Macassa Division	PR 0100	3	0	2	2	2			
35 – Canamax, Marhill Mine	MW 0100	4	0	0.432	0.432	0.432			
36 – American Barrick, McDermott	PR 0100	1	0	2.7	2.7	2.7			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	2.4	2.4	2.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	2	2	2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	2	2	2			
42 – Renabie Gold Mines	PR 0100	3	0	3.6	3.6	3.6			
45 – St. Andrews Gold Fields	PR 0100	1	0	2.4	2.4	2.4			
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.8	1.8	1.8			
51 – Denison Mines, Denison Property	PR 0100	4	0	2.7	2.7	2.7			
51 – Denison Mines, Denison Property	SW 0200	4	0	2.7	2.7	2.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.7	2.7	2.7			
53 – Rio Algom, Panel	SR 0100	4	0	2.7	2.7	2.7			
54 – Rio Algom, Pronto	SW 0100	3	0	2.7	2.7	2.7			
55 – Rio Algom, Quirke	PR 0100	4	0	2.7	2.7	2.7			
56 – Cameco, Refinery, Blind River	SR 0300	4	0	2.7	2.7	2.7			
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.7	2.7	2.7			
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.7	2.7	2.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.7	2.7	2.7			
58 – Rio Algom, Stanleigh	SR 0100	4	0	2.7	2.7	2.7			
59 – Denison Mines, Stanrock	SW 0100	4	0	2.7	2.7	2.7			

Comparison of Audit and Monitoring Data — 4,6-Dinitro-o-cresol — RMDL = 24 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	5	5	5	0.5	ug/L	<W
							5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	5	5	5	5	ug/L	<W
							5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	1	12	17.8	33.2	5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	5	5	5	5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	2.4	2.4	10	5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	24	24	24	5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	5	5	5	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	12	17.8	33.2	5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	24	24	24	5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	5	5	5	5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	5	5	5	5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	12	17.8	33.2	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	5	5	5	5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	5	5	5			
15 – Falconbridge, Strathcona	PR 0100	4	1	12	17.8	33.2	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	5	5	5	5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	2.4	10	10			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	2.4	2.4	2.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	6.2	6.2	6.2			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	2.4	2.4	2.4	5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	10	10	10	5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	10	10	10			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2.4	2.4	2.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	10	10	10	5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	10	10	10			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	2.4	6.2	10	5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	24	24	24	5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	10	10	10	5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0	0	0	0	0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	6.2	6.2	6.2			
36 – American Barrick, McDermott	PR 0100	1	0	2.4	2.4	2.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	24	24	24			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	2.4	2.4	2.4	5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	2.4	2.4	2.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	10	10	10			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	10	10	10			
42 – Renabie Gold Mines	PR 0100	3	0	18	18	18	5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	24	24	24	5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	12	12	12	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	2.4	2.4	2.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	2.4	2.4	2.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	2.4	2.4	2.4	5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	2.4	2.4	2.4	5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	2.4	2.4	2.4			
55 – Rio Algom, Quirke	PR 0100	4	0	2.4	2.4	2.4	5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	2.4	2.4	2.4	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	2.4	2.4	2.4	5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.4	2.4	2.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.4	2.4	2.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	2.4	2.4	2.4	5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	2.4	2.4	2.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — 4–Chloro–3–methylphenol — RMDL = 1.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1	1	1			
02 – INCO, Crean Hill Mine	MW 0100	4	0	1	1	1			
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.1	1.4	1.4			
04 – INCO, Garson Mine	MW 0100	4	0	1	1	1			
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1			
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.5	1.5	1.5			
07 – INCO, Levack Mine	MW 0100	4	0	1	1	1			
08 – Falconbridge, Lockerby	MW 0100	4	0	1.1	1.4	1.4			
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.15	1.5	1.5			
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1	1	1			
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1	1	1			
12 – Falconbridge, Onaping	MW 0100	4	0	1.1	1.4	1.4			
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1	1	1			
14 – INCO, Shebandowan Mine	PR 0100	4	0	1	1	1			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.1	1.4	1.4			
16 – INCO, Whistle Mine	MW 0100	2	0	1	1	1			
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.15	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.15	0.9	1.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.15	0.15	0.15			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.4	1.4	1.4			
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1			
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.4	1.4	1.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1			
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.15	0.575	1			
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.5	1.5	1.5			
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1			
35 – Canamax, Marhill Mine	MW 0100	4	0	0.15	0.15	0.15			
36 – American Barrick, McDermott	PR 0100	1	0	1.4	1.4	1.4			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.5	1.5	1.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.5	1.5	1.5			
45 – St. Andrews Gold Fields	PR 0100	1	0	1.5	1.5	1.5			
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.1	1.1	1.1			
51 – Denison Mines, Denison Property	PR 0100	4	0	1.4	1.4	1.4			
51 – Denison Mines, Denison Property	SW 0200	4	0	1.4	1.4	1.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.4	1.4	1.4			
53 – Rio Algom, Panel	SR 0100	4	0	1.4	1.4	1.4			
54 – Rio Algom, Pronto	SW 0100	3	1	1.4	1.4	2.1			
55 – Rio Algom, Quirke	PR 0100	4	0	1.4	1.4	1.4			
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.4	1.4	1.4			
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.4	1.4	1.4			
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.4	1.4	1.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.4	1.4	1.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.4	1.4	1.4			
59 – Denison Mines, Stanrock	SW 0100	4	0	1.4	1.4	1.4			

Comparison of Audit and Monitoring Data — 4–Nitrophenol — RMDL = 1.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
							0.5	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
							0.5	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.5	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	1	1.4	1.4	1.9	0.5	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.4	1.4	1.4			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.4	1.4	1.4	0.5	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.14	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.14	0.9	1.4			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.375	0.375	0.375			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.5	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.4	1.4	1.4			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.5	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.14	0.57	1	0.5	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.4	1.4	1.4	0.5	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.5	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.5	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.375	0.375	0.375			
36 – American Barrick, McDermott	PR 0100	1	0	1.4	1.4	1.4	0.5	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.4	1.4	1.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.4	0.4	0.4	0.5	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.4	0.4	0.4			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1.3	1.3	1.3	0.5	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.4	1.4	1.4	0.5	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	1.4	1.4	1.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.4	1.4	1.4			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.4	1.4	1.4			
55 – Rio Algom, Quirke	PR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.4	1.4	1.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.4	1.4	1.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.4	1.4	1.4			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.4	1.4	1.4	0.5	ug/L	<W

Comparison of Audit and Monitoring Data — Pentachlorophenol — RMDL = 1.3 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	1.2	1.2	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.2	0.2	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	1.2	1.2	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	1.2	1.2	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.3	1.3	1.3	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.3	1.3	1.3			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	1.2	1.2	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.3	1.3	1.3	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.13	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.13	0.615	1.1			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.185	0.185	0.185			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.1	1.1	1.1	0.6	ug/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.1	1.1	1.1			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.13	0.565	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.185	0.185	0.185			
36 – American Barrick, McDermott	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.3	1.3	1.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.13	0.13	0.13	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.13	0.13	0.13			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1	1	1			
42 – Renabie Gold Mines	PR 0100	3	0	1	1	1	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.3	1.3	1.3	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	0.5	0.5	0.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.1	1.1	1.1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.1	1.1	1.1			
55 – Rio Algom, Quirke	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.1	1.1	1.1	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.1	1.1	1.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.1	1.1	1.1			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — Phenol — RMDL = 2.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	1.5	1.5	1.5	3.6	ug/L	<T
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.8	1.8	2.4	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.24	0.24	1	0.8	ug/L	UIN
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1.9	1.9	1.9	1.2	ug/L	<T
07 – INCO, Levack Mine	MW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.8	1.8	2.4	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.9	1.9	1.9	1.4	ug/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	2	1.5	3.15	7.8	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.8	1.8	2.4	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	1.5	1.5	1.5	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	1.5	1.5	1.5			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.8	1.8	2.4	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	1.5	1.5	1.5	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.24	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.24	0.67	1.1			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.385	0.385	0.385			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	1	1.1	3.4	5.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.24	0.62	1	1	ug/L	<T
31 – Canamax, Kremzar Mine	PR 0100	1	1	4.3	4.3	4.3	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	17	ug/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0,385	0.385	0.385			
36 – American Barrick, McDermott	PR 0100	1	0	1.1	1.1	1.1	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	1.9	1.9	1.9			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.24	0.24	0.24	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.24	0.24	0.24			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	1.1	1.1	1.1			
42 – Renabie Gold Mines	PR 0100	3	0	2.3	2.3	2.3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	1.9	1.9	1.9	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	2.4	2.4	2.4	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.1	1.1	1.1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.1	1.1	2.2			
55 – Rio Algom, Quirke	PR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.1	1.1	1.1	11.2	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.1	1.1	1.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.1	1.1	1.1			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.1	1.1	1.1	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — m – Cresol — RMDL = 3.4 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	2.2	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2.3	2.5	2.5	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.34	0.34	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	3.4	3.4	3.4	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2.3	2.5	2.5	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	3.4	3.4	3.4	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2.3	2.5	2.5	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	2.3	2.5	2.5	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.34	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.34	1.67	3			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.433	0.433	0.433			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	3	3	3	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	3	3	3			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.34	0.67	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	3.4	3.4	3.4	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.433	0.433	0.433			
36 – American Barrick, McDermott	PR 0100	1	0	3	3	3	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	3.4	3.4	3.4			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	3	3	3	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	3	3	3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	3	1	11.5	16.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	49.1	49.1	49.1			
42 – Renabie Gold Mines	PR 0100	3	0	3.1	3.1	3.1	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	3.4	3.4	3.4	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	2.3	2.3	2.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	3	3	3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	3	3	3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	3	3	3	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	3	3	3	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	1	3	3	7.3			
55 – Rio Algom, Quirke	PR 0100	4	0	3	3	3	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	3	3	3	2	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	3	3	3	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	3	3	3			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	3	3	3			
58 – Rio Algom, Stanleigh	SR 0100	4	0	3	3	3	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	3	3	3	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — o-Cresol — RMDL = 3.7 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	2.3	3.1	3.1	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.37	0.37	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	3.7	3.7	3.7	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	2.3	3.1	3.1	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	3.7	3.7	3.7	0.2	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	2.3	3.1	3.1	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	2.3	3.1	3.1	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.37	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.37	1.2	1.7			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.566	0.566	0.566			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	1.7	1.7	1.7			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.37	0.685	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	3.7	3.7	3.7	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.566	0.566	0.566			
36 – American Barrick, McDermott	PR 0100	1	0	1.7	1.7	1.7	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	3.7	3.7	3.7			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.7	0.7	0.7	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.7	0.7	0.7			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	1	1	1.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	5.6	5.6	5.6			
42 – Renabie Gold Mines	PR 0100	3	0	3	3	3	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	3.7	3.7	3.7	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	2.3	2.3	2.3	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	1.7	1.7	1.7			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	1.7	1.7	3.2			
55 – Rio Algom, Quirke	PR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	1.7	1.7	1.7	20	ug/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	1.7	1.7	1.7			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	1.7	1.7	1.7			
58 – Rio Algom, Stanleigh	SR 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	1.7	1.7	1.7	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — p-Cresol — RMDL = 3.5 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	2	0.6	3	5.6	10	ug/L	
							0.2	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
							0.2	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	1.8	1.8	2.2	0.2	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.35	0.35	1	0.2	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	1.8	1.8	2.2	0.2	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	3.5	3.5	3.5	0.4	ug/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	1.8	1.8	2.2	0.2	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.6	0.6	0.6	0.2	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.6	0.6	0.6			
15 – Falconbridge, Strathcona	PR 0100	4	0	1.8	1.8	2.2	0.2	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.6	0.6	0.6	0.2	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.35	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.35	2	3.5			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.449	0.449	0.449			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	1	1	1	0.2	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	3.5	3.5	3.5			
28 – Eastmaque Gold Mines	PR 0100	4	0	1	1	1	0.2	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	1	1	1			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.35	0.675	1	0.2	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	3.5	3.5	3.5	0.2	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	1	1	1	0.2	ug/L	UIN
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.2	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.449	0.449	0.449			
36 – American Barrick, McDermott	PR 0100	1	0	3.5	3.5	3.5	0.2	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	3.5	3.5	3.5			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.5	0.5	0.5	0.2	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	3	1	11.5	16.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	49.1	49.1	49.1			
42 – Renabie Gold Mines	PR 0100	3	0	2.8	2.8	2.8	0.2	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	3.5	3.5	3.5	0.2	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	2.2	2.2	2.2	0.2	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	3.5	3.5	3.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	1	3.5	3.5	7.3			
55 – Rio Algom, Quirke	PR 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	0	3.5	3.5	3.5	1.8	ug/L	<T
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	3.5	3.5	3.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	3.5	3.5	3.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	3.5	3.5	3.5	0.2	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2,3,4–Tetrachlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.006	0.007	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	0.006	0.007	0.018	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.006	0.007	0.011	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.006	0.007	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.005	0.009			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0012	0.0012	0.0012			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.009	0.009	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0091	0.0091	0.0091			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.005	0.005	0.054	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0012	0.0012	0.0012			
36 – American Barrick, McDermott	PR 0100	1	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0091	0.0091	0.0091			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0091	0.0091	0.0091			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0091	0.0091	0.0091			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0091	0.905	91	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0091	0.0091	0.0091			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0091	0.0091	0.0091			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0091	0.0091	0.0091	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2,3,5–Tetrachlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.003	0.005			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0021	0.0021	0.0021			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.005	0.005	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0054	0.0054	0.0054			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0021	0.0021	0.0021			
36 – American Barrick, McDermott	PR 0100	1	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0054	0.0054	0.0054			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0054	0.0054	0.0054			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0054	0.0054	0.0054			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0054	0.52	54	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0054	0.0054	0.0054			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0054	0.0054	0.0054			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0054	0.0054	0.0054	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2,3–Trichlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	1	0.01	0.01	0.016	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	1	0.01	0.01	0.016	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	1	0.01	0.01	0.017	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.0045	0.008			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0032	0.0032	0.0032			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.008	0.008	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0086	0.0086	0.0086			
28 – Eastmaque Gold Mines	PR 0100	4	1	0.005	0.005	0.122	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	1	0.005	0.005	0.019	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0032	0.0032	0.0032			
36 – American Barrick, McDermott	PR 0100	1	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0086	0.0086	0.0086			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.006	0.006	0.006			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0086	0.0086	0.0086			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0086	0.0086	0.0086			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0086	0.88	86	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0086	0.0086	0.0086			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0086	0.0086	0.0086			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0086	0.0086	0.0086	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2,4,5–Tetrachlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.006	0.006	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.006	0.006	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.006	0.006	0.021	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.006	0.006	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.003	0.005			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0011	0.0011	0.0011			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.005	0.005	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0053	0.0053	0.0053			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0011	0.0011	0.0011			
36 – American Barrick, McDermott	PR 0100	1	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0053	0.0053	0.0053			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0053	0.0053	0.0053			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0053	0.0053	0.0053			
55 – Rio Algom, Quirke	PR 0100	4	1	0.0053	0.0053	0.015	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0053	0.515	53	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0053	0.0053	0.0053			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0053	0.0053	0.0053			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0053	0.0053	0.0053	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0053	0.0053	0.0053	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — 1,2,4–Trichlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.002	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.002	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.009	0.009	0.01	0.002	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.002	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	1	0.01	0.01	0.044	0.002	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.009	0.009	0.01	0.002	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.009	0.009	0.01	0.002	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.002	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	2	0.01	0.014	0.022	0.002	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.009	0.009	0.01	0.002	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.002	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.0035	0.006			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0018	0.0018	0.0018			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.006	0.006	0.002	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.002	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0061	0.0061	0.0061			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.002	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.002	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.002	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.002	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.002	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0018	0.0018	0.0018			
36 – American Barrick, McDermott	PR 0100	1	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0061	0.0061	0.0061			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.002	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.002	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.002	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0061	0.0061	0.0061			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0061	0.0061	0.0061			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0061	0.605	61	1	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0061	0.0061	0.0061			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0061	0.0061	0.0061			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0061	0.0061	0.0061	0.002	ug/L	<W

Comparison of Audit and Monitoring Data — Hexachlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.005	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.008	0.008	0.02	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.002	0.003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0036	0.0036	0.0036			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.003	0.003	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.003	0.003	0.003			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0036	0.0036	0.0036			
36 – American Barrick, McDermott	PR 0100	1	0	0.003	0.003	0.003	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.003	0.003	0.003	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.003	0.003	0.003			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.003	0.003	0.003			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.003	0.003	0.003			
55 – Rio Algom, Quirke	PR 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.003	0.3	30	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.003	0.003	0.003			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.003	0.003	0.003			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.003	0.003	0.003	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — Hexachlorobutadiene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.009	0.009	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.009	0.009	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.009	0.009	0.01	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.009	0.009	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.0015	0.003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0023	0.0023	0.0023			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.003	0.003	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0025	0.0025	0.0025			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0023	0.0023	0.0023			
36 – American Barrick, McDermott	PR 0100	1	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0025	0.0025	0.0025			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0025	0.0025	0.0025			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0025	0.0025	0.0025			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0025	0.275	25	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0025	0.0025	0.003	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0025	0.0025	0.0025			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0025	0.0025	0.0025			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0025	0.0025	0.0025	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0025	0.0025	0.0025	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — Hexachlorocyclopentadiene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.002	0.002	0.01	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.01	0.01	0.012	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.01	0.01	0.01			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.0025	0.004			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0038	0.0038	0.0038			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.005	0.005	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.01	0.01	0.01			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0047	0.0047	0.0047			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.01	0.01	0.01			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.0055	0.01	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0038	0.0038	0.0038			
36 – American Barrick, McDermott	PR 0100	1	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0047	0.0047	0.0047			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.01	0.01	0.01			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.01	0.01	0.01			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0047	0.0047	0.0047			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0047	0.0047	0.0047			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0047	0.485	47	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0047	0.0047	0.0047			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0047	0.0047	0.0047			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0047	0.0047	0.0047	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — Hexachloroethane — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	4	0.028	0.042	0.058	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	4	0.028	0.081	0.118	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.005	0.005	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	4	0.012	0.051	0.078	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	3	0.01	0.054	0.11	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	0.005	0.005	0.019	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	3	0.01	0.046	0.08	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	3	0.01	0.036	0.088	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	1	0.005	0.005	0.018	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	4	0.01	0.016	0.022	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	3	0.01	0.039	0.064	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.005	0.005	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	2	0.032	0.049	0.066	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.001	0.001			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0022	0.0022	0.0022			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.002	0.002	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0017	0.0017	0.0017			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005	0	ug/L	
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0022	0.0022	0.0022			
36 – American Barrick, McDermott	PR 0100	1	0	0.0017	0.0017	0.0017	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0017	0.0017	0.0017	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0017	0.0017	0.0017			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.002	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	1	0.0017	0.0017	0.05	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	1	0.0017	0.0017	0.05			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	1	0.0017	0.0017	0.08	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	1	0.0017	0.0017	0.05	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	1	0.0017	0.0017	0.05			
55 – Rio Algom, Quirke	PR 0100	4	1	0.0017	0.00585	0.05	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0017	0.185	17	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0017	0.0017	0.01	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	1	0.0017	0.0017	0.1			
57 – Cameco, Refinery, Port Hope	SR 0300	4	1	0.0017	0.0017	0.07			
58 – Rio Algom, Stanleigh	SR 0100	4	1	0.0017	0.0017	0.05	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0017	0.0017	0.0017	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — Octachlorostyrene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.005	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.0015	0.002			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0012	0.0012	0.0012			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.003	0.003	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0026	0.0026	0.0026			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0012	0.0012	0.0012			
36 – American Barrick, McDermott	PR 0100	1	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0026	0.0026	0.0026			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0026	0.0026	0.0026			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0026	0.0026	0.0026			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0026	0.28	26	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0026	0.0026	0.0026			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0026	0.0026	0.0026			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0026	0.0026	0.0026	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — Pentachlorobenzene — RMDL = 0.01 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.005	0.01	0.01	0.001	ug/L	<W
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.001	ug/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.001	0.005	0.001	ug/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	1	0.008	0.008	0.013	0.001	ug/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.01	0.01	0.01	0.001	ug/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.008	0.008	0.01	0.001	ug/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.005	0.005	0.005			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	0	0.001	0.0015	0.002			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.0011	0.0011	0.0011			
24 – Teck – Corona, David Bell Mine	PR 0100	4	0	0.001	0.002	0.002	0.001	ug/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.005	0.005	0.005			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	0.0021	0.0021	0.0021			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.005	0.005	0.005	0.001	ug/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.005	0.005	0.005			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	0	0.001	0.003	0.005	0.001	ug/L	<W
31 – Canamax, Kremzar Mine	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.005	0.005	0.005	0.001	ug/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.001	ug/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.0011	0.0011	0.0011			
36 – American Barrick, McDermott	PR 0100	1	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	0.01	0.01	0.01			
38 – LAC Minerals, Williams Mine	PR 0200	2	1	0.0021	0.0711	0.14	0.001	ug/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.0021	0.0021	0.0021			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.005	0.005	0.005			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.005	0.005	0.005			
42 – Renabie Gold Mines	PR 0100	3	0	0.01	0.01	0.01	0.001	ug/L	<W
45 – St. Andrews Gold Fields	PR 0100	1	0	0.01	0.01	0.01	0.001	ug/L	<W
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.01	0.01	0.01	0.001	ug/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0021	0.0021	0.0021			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0021	0.0021	0.0021			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	3	0.0021	0.205	21	0.5	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0021	0.0021	0.0021			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0021	0.0021	0.0021			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0021	0.0021	0.0021	0.001	ug/L	<W

Comparison of Audit and Monitoring Data — Total H7CDD — RMDL = 0.00003 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000017	0.000017	0.000017			
04 – INCO, Garson Mine	MW 0100	1	0	0.000017	0.000017	0.000017			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00003	0.00003	0.00003			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000017	0.000017	0.000017			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00003	0.00003	0.00003			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000017	0.000017	0.000017			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000017	0.000017	0.000017			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00003	0.00003	0.00003			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000017	0.000017	0.000017			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.000021	0.000021	0.000021			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000017	0.000017	0.000017			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000017	0.000017	0.000017			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.000021	0.000021	0.000021			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000017	0.000017	0.000017			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000017	0.000017	0.000017			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0001	0.0001	0.0001			
42 – Renabie Gold Mines	PR 0100	1	0	0.000025	0.000025	0.000025			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000017	0.000017	0.000017			
53 – Rio Algom, Panel	SR 0100	1	0	0.000017	0.000017	0.000017			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000017	0.000017	0.000017			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000017	0.000017	0.000017			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000017	0.000017	0.000017			

Comparison of Audit and Monitoring Data — Octachlorodibenzo–p–dioxin — RMDL = 0.00003 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
04 – INCO, Garson Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00003	0.00003	0.00003			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.00002	0.00002	0.00002			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00003	0.00003	0.00003			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.00002	0.00002	0.00002			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00003	0.00003	0.00003			
16 – INCO, Whistle Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.00003	0.00003	0.00003			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	1	0.000095	0.000095	0.000095			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00002	0.00002	0.00002			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00002	0.00002	0.00002			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0001	0.0001	0.0001			
42 – Renabie Gold Mines	PR 0100	1	0	0.000025	0.000025	0.000025			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.00002	0.00002	0.00002			
53 – Rio Algom, Panel	SR 0100	1	0	0.00002	0.00002	0.00002			
54 – Rio Algom, Pronto	SW 0100	1	0	0.00002	0.00002	0.00002			
55 – Rio Algom, Quirke	PR 0100	1	0	0.00002	0.00002	0.00002			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.00002	0.00002	0.00002			

Comparison of Audit and Monitoring Data — Octachlorodibenzofuran — RMDL = 0.00003 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
04 – INCO, Garson Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00003	0.00003	0.00003			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000022	0.000022	0.000022			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00003	0.00003	0.00003			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000022	0.000022	0.000022			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00003	0.00003	0.00003			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.00003	0.00003	0.00003			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.00003	0.00003	0.00003			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00002	0.00002	0.00002			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00002	0.00002	0.00002			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0002	0.0002	0.0002			
42 – Renabie Gold Mines	PR 0100	1	0	0.000025	0.000025	0.000025			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000022	0.000022	0.000022			
53 – Rio Algom, Panel	SR 0100	1	0	0.000022	0.000022	0.000022			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000022	0.000022	0.000022			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000022	0.000022	0.000022			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000022	0.000022	0.000022			

Comparison of Audit and Monitoring Data — Total H6CDD — RMDL = 0.00003 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
04 – INCO, Garson Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00003	0.00003	0.00003			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000022	0.000022	0.000022			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00003	0.00003	0.00003			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000022	0.000022	0.000022			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00003	0.00003	0.00003			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.000019	0.000019	0.000019			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.000019	0.000019	0.000019			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000022	0.000022	0.000022			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000022	0.000022	0.000022			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0001	0.0001	0.0001			
42 – Renabie Gold Mines	PR 0100	1	0	0.000025	0.000025	0.000025			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000022	0.000022	0.000022			
53 – Rio Algom, Panel	SR 0100	1	0	0.000022	0.000022	0.000022			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000022	0.000022	0.000022			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000022	0.000022	0.000022			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000022	0.000022	0.000022			

Comparison of Audit and Monitoring Data — Total H6CDF — RMDL = 0.00002 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000015	0.000015	0.000015			
04 – INCO, Garson Mine	MW 0100	1	0	0.000015	0.000015	0.000015			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00002	0.00002	0.00002			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000015	0.000015	0.000015			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00002	0.00002	0.00002			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000015	0.000015	0.000015			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000015	0.000015	0.000015			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00002	0.00002	0.00002			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000015	0.000015	0.000015			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000015	0.000015	0.000015			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000015	0.000015	0.000015			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000015	0.000015	0.000015			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000015	0.000015	0.000015			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0002	0.0002	0.0002			
42 – Renabie Gold Mines	PR 0100	1	0	0.000015	0.000015	0.000015			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000015	0.000015	0.000015			
53 – Rio Algom, Panel	SR 0100	1	0	0.000015	0.000015	0.000015			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000015	0.000015	0.000015			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000015	0.000015	0.000015			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000015	0.000015	0.000015			

Comparison of Audit and Monitoring Data — Total H7CDD — RMDL = 0.00003 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Audit Data: Unit	Audit Data: Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000017	0.000017				
04 – INCO, Garson Mine	MW 0100	1	0	0.000017	0.000017				
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00003	0.00003				
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000017	0.000017				
12 – Falconbridge, Onaping	MW 0100	1	0	0.00003	0.00003				
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000017	0.000017				
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000017	0.000017				
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00003	0.00003				
16 – INCO, Whistle Mine	MW 0100	1	0	0.000017	0.000017				
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.000021	0.000021				
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003				
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000017	0.000017				
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000017	0.000017				
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.000021	0.000021				
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000017	0.000017				
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001				
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000017	0.000017				
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001				
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0001	0.0001				
42 – Renabie Gold Mines	PR 0100	1	0	0.000025	0.000025				
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000017	0.000017				
53 – Rio Algom, Panel	SR 0100	1	0	0.000017	0.000017				
54 – Rio Algom, Pronto	SW 0100	1	0	0.000017	0.000017				
55 – Rio Algom, Quirke	PR 0100	1	0	0.000017	0.000017				
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000017	0.000017				

Comparison of Audit and Monitoring Data — Total H7CDF — RMDL = 0.00003 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
04 – INCO, Garson Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00003	0.00003	0.00003			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.00002	0.00002	0.00002			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00003	0.00003	0.00003			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.00002	0.00002	0.00002			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00003	0.00003	0.00003			
16 – INCO, Whistle Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.000023	0.000023	0.000023			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.000023	0.000023	0.000023			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.00002	0.00002	0.00002			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0001	0.0001	0.0001			
42 – Renabie Gold Mines	PR 0100	1	0	0.000025	0.000025	0.000025			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.00002	0.00002	0.00002			
53 – Rio Algom, Panel	SR 0100	1	0	0.00002	0.00002	0.00002			
54 – Rio Algom, Pronto	SW 0100	1	0	0.00002	0.00002	0.00002			
55 – Rio Algom, Quirke	PR 0100	1	0	0.00002	0.00002	0.00002			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.00002	0.00002	0.00002			

Comparison of Audit and Monitoring Data — Total PCDD — RMDL = 0.00002 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000019	0.000019	0.000019			
04 – INCO, Garson Mine	MW 0100	1	0	0.000019	0.000019	0.000019			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00002	0.00002	0.00002			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000019	0.000019	0.000019			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00002	0.00002	0.00002			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000019	0.000019	0.000019			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000019	0.000019	0.000019			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00002	0.00002	0.00002			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000019	0.000019	0.000019			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000019	0.000019	0.000019			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000019	0.000019	0.000019			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000019	0.000019	0.000019			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000019	0.000019	0.000019			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0003	0.0003	0.0003			
42 – Renabie Gold Mines	PR 0100	1	0	0.000015	0.000015	0.000015			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000019	0.000019	0.000019			
53 – Rio Algom, Panel	SR 0100	1	0	0.000019	0.000019	0.000019			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000019	0.000019	0.000019			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000019	0.000019	0.000019			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000019	0.000019	0.000019			

Comparison of Audit and Monitoring Data — Total PCDF — RMDL = 0.00002 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000013	0.000013	0.000013			
04 – INCO, Garson Mine	MW 0100	1	0	0.000013	0.000013	0.000013			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.000015	0.000015	0.000015			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000013	0.000013	0.000013			
12 – Falconbridge, Onaping	MW 0100	1	0	0.000015	0.000015	0.000015			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000013	0.000013	0.000013			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.000015	0.000015	0.000015			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000013	0.000013	0.000013			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000013	0.000013	0.000013			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0003	0.0003	0.0003			
42 – Renabie Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000013	0.000013	0.000013			
53 – Rio Algom, Panel	SR 0100	1	0	0.000013	0.000013	0.000013			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000013	0.000013	0.000013			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000013	0.000013	0.000013			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000013	0.000013	0.000013			

Comparison of Audit and Monitoring Data — Total TCDD — RMDL = 0.00002 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000011	0.000011	0.000011			
04 – INCO, Garson Mine	MW 0100	1	0	0.000011	0.000011	0.000011			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.00001	0.00001	0.00001			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000011	0.000011	0.000011			
12 – Falconbridge, Onaping	MW 0100	1	0	0.00001	0.00001	0.00001			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000011	0.000011	0.000011			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000011	0.000011	0.000011			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.00001	0.00001	0.00001			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000011	0.000011	0.000011			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000011	0.000011	0.000011			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000011	0.000011	0.000011			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.00002	0.00002	0.00002			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000011	0.000011	0.000011			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000011	0.000011	0.000011			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0002	0.0002	0.0002			
42 – Renabie Gold Mines	PR 0100	1	0	0.00002	0.00002	0.00002			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000011	0.000011	0.000011			
53 – Rio Algom, Panel	SR 0100	1	0	0.000011	0.000011	0.000011			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000011	0.000011	0.000011			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000011	0.000011	0.000011			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000011	0.000011	0.000011			

Comparison of Audit and Monitoring Data — Total TCDF — RMDL = 0.00002 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
02 – INCO, Crean Hill Mine	MW 0100	1	0	0.000007	0.000007	0.000007			
04 – INCO, Garson Mine	MW 0100	1	0	0.000007	0.000007	0.000007			
08 – Falconbridge, Lockerby	MW 0100	1	0	0.000015	0.000015	0.000015			
10 – INCO, Refinery, Sudbury	SR 0100	1	0	0.000007	0.000007	0.000007			
12 – Falconbridge, Onaping	MW 0100	1	0	0.000015	0.000015	0.000015			
13 – INCO, Refinery, Port Colborne	SR 0100	1	0	0.000007	0.000007	0.000007			
14 – INCO, Shebandowan Mine	PR 0100	1	0	0.000007	0.000007	0.000007			
15 – Falconbridge, Strathcona	PR 0100	1	0	0.000015	0.000015	0.000015			
16 – INCO, Whistle Mine	MW 0100	1	0	0.000007	0.000007	0.000007			
17 – Minnova, Winston Lake Mine	PR 0100	1	0	0.00001	0.00001	0.00001			
19 – Dickenson, Arthur W. White Mine	PR 0100	1	1	0.0003	0.0003	0.0003			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.000007	0.000007	0.000007			
24 – Teck – Corona, David Bell Mine	PR 0100	1	0	0.000013	0.000013	0.000013			
25 – Placer Dome, Detour Lake Mine	PR 0100	1	0	0.00001	0.00001	0.00001			
27 – Placer Dome, Dona Lake Mine	PR 0100	1	0	0.000007	0.000007	0.000007			
28 – Eastmaque Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
35 – Canamax, Marhill Mine	MW 0100	1	0	0.000007	0.000007	0.000007			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	1	0	0.00001	0.00001	0.00001			
38 – LAC Minerals, Williams Mine	PR 0200	1	1	0.0003	0.0003	0.0003			
42 – Renabie Gold Mines	PR 0100	1	0	0.00001	0.00001	0.00001			
52 – Rio Algom, Lacnor/Nordic	SW 0100	1	0	0.000007	0.000007	0.000007			
53 – Rio Algom, Panel	SR 0100	1	0	0.000007	0.000007	0.000007			
54 – Rio Algom, Pronto	SW 0100	1	0	0.000007	0.000007	0.000007			
55 – Rio Algom, Quirke	PR 0100	1	0	0.000007	0.000007	0.000007			
58 – Rio Algom, Stanleigh	SR 0100	1	0	0.000007	0.000007	0.000007			

Comparison of Audit and Monitoring Data — Oil and grease — RMDL = 1 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	120	0.4	1.1	1.4	0	mg/L	
							0	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	156	118	0.4	1.1	1.1	2	mg/L	
							1	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	156	35	1	1	37.6	9	mg/L	
04 – INCO, Garson Mine	MW 0100	157	121	0.4	1.1	1.1	2	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	142	60	1	1	4.6	1	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	71	0.5	0.8	16.2	1	mg/L	
07 – INCO, Levack Mine	MW 0100	147	115	0.4	1.1	1.7	2	mg/L	
08 – Falconbridge, Lockerby	MW 0100	154	42	1	1	31	1	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	156	77	0.5	0.8	20.5	0	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	157	119	0.4	1.1	1.1	1	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	9	0.4	1.1	3.5	1	mg/L	
12 – Falconbridge, Onaping	MW 0100	154	89	1	1.1	17.4	0	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	148	113	0.4	1.1	1.1	1	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	153	120	0.4	1.1	1.1	2	mg/L	
15 – Falconbridge, Strathcona	PR 0100	155	43	1	1	15.6	0	mg/L	
16 – INCO, Whistle Mine	MW 0100	89	64	0.4	1.1	1.1	0	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	99	47	1	1	5	2	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	136	91	0.1	1.4	13.2			
21 – Canamax, Bell Creek Mine	PR 0100	42	21	1	1	6			
24 – Teck – Corona, David Bell Mine	PR 0100	110	24	0.1	1	11.6	2	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	156	106	1	1	55	1	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	78	33	0.1	1	19.1			
27 – Placer Dome, Dona Lake Mine	PR 0100	60	47	0.4	2.25	7.2	3	mg/L	
28 – Eastmaque Gold Mines	PR 0100	156	91	1	1.2	14	159	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	18	11	1	1.25	4.18			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	70	25	1	1	3	1	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	45	11	0.1	0.6	15	2	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	158	92	1	1.2	17.6	0	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0	mg/L	
35 – Canamax, Marhill Mine	MW 0100	155	116	1	2	56			
36 – American Barrick, McDermott	PR 0100	22	14	0.96	1.2	2.8	1	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	130	60	0.5	1	15.4			
38 – LAC Minerals, Williams Mine	PR 0200	65	18	0.606	1	5.4	0	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	24	20	1	2.1	6			
39 – Giant Yellowknife, Pamour #1	PR 0100	114	82	1	1.6	29.1			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	17	1	2.1	5.2			
40 – Giant Yellowknife, P–S	MW 0100	16	9	1	1.1	1.63			
42 – Renabie Gold Mines	PR 0100	85	55	0.2	1.5	7.2	16	mg/L	
45 – St. Andrews Gold Fields	PR 0100	60	40	0.2	1.3	50	0	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	73	22	0.12	1	5	0	mg/L	
51 – Denison Mines, Denison Property	PR 0100	157	43	0.96	0.96	3.8	1	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	2	0.96	0.96	1.9			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	1	0.3	0.3	2.2	0	mg/L	
53 – Rio Algom, Panel	SR 0100	141	18	0.3	0.3	27.4	2	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	3	0.3	1	4.8			
55 – Rio Algom, Quirke	PR 0100	139	15	0.3	0.3	5.6	1	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	97	97	2.6	30	58	7	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	102	20	1	1	4.8			
57 – Cameco, Refinery, Port Hope	SR 0300	101	15	1	1	8.8			
57 – Cameco, Refinery, Port Hope	SR 0100	99	19	1	1	3.2	0	mg/L	
58 – Rio Algom, Stanleigh	SR 0100	132	11	0.3	0.3	13.6	0	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	2	0.96	0.96	2.7	0	mg/L	

Comparison of Audit and Monitoring Data PCBT RMDL = 0.1 ug/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
							20	ng/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
							20	ng/L	<W
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.01	0.01	0.02	20	ng/L	<W
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
07 – INCO, Levack Mine	MW 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
12 – Falconbridge, Onaping	MW 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
15 – Falconbridge, Strathcona	PR 0100	4	0	0.1	0.1	0.1	20	ng/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.1	0.1	0.1	20	ng/L	<W
17 – Minnova, Winston Lake Mine	PR 0100	4	0	0.02	0.02	0.02			
19 – Dickenson, Arthur W. White Mine	PR 0100	4	1	0.01	0.055	0.2			
21 – Canamax, Bell Creek Mine	PR 0100	1	0	0.05	0.05	0.05			
24 – Teck – Corona, David Bell Mine	PR 0100	0	0				20	ng/L	<W
25 – Placer Dome, Detour Lake Mine	PR 0100	4	0	0.02	0.02	0.02	20	ng/L	<W
26 – Placer Dome, Dome Mine	PR 0100	3	0	0.02	0.02	0.02			
28 – Eastmaque Gold Mines	PR 0100	4	0	0.02	0.02	0.02	20	ng/L	<W
29 – Giant Yellowknife, ERG Res.	PR 0100	1	0	0.02	0.02	0.02			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	0	0				20	ng/L	<W
31 – Canamax, Kremzar Mine	PR 0100	0	0				20	ng/L	<W
32 – LAC Minerals, Macassa Division	PR 0100	3	0	0.02	0.02	0.02	20	ng/L	<W
33 – Muscocho, Magnacon Mine	PR 0100	0	0				20	ng/L	<W
35 – Canamax, Marhill Mine	MW 0100	4	0	0.05	0.05	0.05			
36 – American Barrick, McDermott	PR 0100	1	0	0.05	0.05	0.05	20	ng/L	<W
38 – LAC Minerals, Williams Mine	PR 0200	2	1	0.05	0.135	0.22	20	ng/L	<W
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.05	0.05	0.05			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	0	0.02	0.02	0.02			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	0	0.02	0.02	0.02			
42 – Renabie Gold Mines	PR 0100	0	0				20	ng/L	<W
45 – St. Andrews Gold Fields	PR 0100	0	0				20	ng/L	<W
46 – Algoma Steel, Ore Division	PR 0100	1	0	0.1	0.1	0.1	20	ng/L	<W
51 – Denison Mines, Denison Property	PR 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.05	0.05	0.05			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.05	0.05	0.05			
55 – Rio Algom, Quirke	PR 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	2	0.05	2.53	500	10000	ng/L	<W
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.05	0.05	0.09	20	ng/L	<W
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.05	0.05	0.05			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.05	0.05	0.05			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.05	0.05	0.05	20	ng/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.05	0.05	0.05	20	ng/L	<W

Comparison of Audit and Monitoring Data — Ammonia plus Ammonium — RMDL = 0.25 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N > RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Audit	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	156	156	2.8	5.95	10.8	8	mg/L	
							6.3	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	157	117	0.11	0.74	6.1	4.05	mg/L	
							0.5	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	156	86	0.025	0.22	2.24	0.2	mg/L	<T
04 – INCO, Garson Mine	MW 0100	157	19	0.11	0.14	0.6	0.15	mg/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	142	142	29.2	48.5	132	47.6	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	143	0.05	0.61	8.36	3.3	mg/L	
07 – INCO, Levack Mine	MW 0100	148	148	0.54	2.56	17	1.15	mg/L	
08 – Falconbridge, Lockerby	MW 0100	155	135	0.025	1.06	7.52	1.9	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	157	119	0.025	0.45	6.6	0.1	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	157	114	0.11	0.44	10.3	1	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	12	0.88	1.69	8.56	4.3	mg/L	
12 – Falconbridge, Onaping	MW 0100	155	154	0.025	18	41.6	20.8	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	152	38	0.1	0.18	0.66	0.05	mg/L	<T
14 – INCO, Shebandowan Mine	PR 0100	154	149	0.11	1.28	2.92	1.65	mg/L	
15 – Falconbridge, Strathcona	PR 0100	156	156	0.31	0.94	2.1	1.05	mg/L	
16 – INCO, Whistle Mine	MW 0100	89	89	0.84	2.88	7	1.9	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	100	100	0.4	1.6	6.02	1.3	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	136	131	0.25	2.28	10.8			
21 – Canamax, Bell Creek Mine	PR 0100	42	41	0.24	0.895	2.8			
24 – Teck – Corona, David Bell Mine	PR 0100	110	109	0.25	15.1	29.2	16.6	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	157	157	2.4	9	18	16.2	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	78	56	0.11	0.37	3.1			
27 – Placer Dome, Dona Lake Mine	PR 0100	60	58	0.09	1.22	3.6	0.9	mg/L	
28 – Eastmaque Gold Mines	PR 0100	156	100	0.09	0.4	14.3	0.3	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	18	18	1	16.3	22.3			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	70	70	8.25	16.8	26.7	13.6	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	47	47	0.8	9.6	15	11.8	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	158	148	0.15	3.55	18.2	0.75	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100						0.5	mg/L	
35 – Canamax, Marhill Mine	MW 0100	153	153	2.8	7.8	19.3			
36 – American Barrick, McDermott	PR 0100	22	22	1.2	2.55	5.1	1.85	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	135	135	0.33	2.9	30			
38 – LAC Minerals, Williams Mine	PR 0200	65	65	10.6	15.6	19.5	14.9	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	24	24	7.6	15.3	17			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	94	0.15	0.93	6.1			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	22	3.3	3.63	4.45			
40 – Giant Yellowknife, P–S	MW 0100	16	10	0.15	0.66	3.8			
42 – Renabie Gold Mines	PR 0100	85	85	0.34	6.12	10.7	2.5	mg/L	
45 – St. Andrews Gold Fields	PR 0100	61	61	0.86	2.3	4	2.15	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	78	43	0.025	0.26	0.86	0.2	mg/L	<T
51 – Denison Mines, Denison Property	PR 0100	157	157	7.2	42	69	52.5	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	7	0.025	0.68	68			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	12	3	4.85	6.7	3.8	mg/L	
53 – Rio Algom, Panel	SR 0100	144	144	4.9	10	21	7.95	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	6	0.6	1.05	1.8			
55 – Rio Algom, Quirke	PR 0100	147	147	18	60	94	56.6	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	97	23	0.08	0.16	2.56	0.25	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0300	103	36	0.1	0.15	3.7			
57 – Cameco, Refinery, Port Hope	SR 0100	101	48	0.1	0.2	0.95	0.15	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	98	20	0.1	0.15	0.7			
58 – Rio Algom, Stanleigh	SR 0100	144	144	1.8	3	8.6	2.25	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	11	0.1	1.45	6.3	2.05	mg/L	

Comparison of Audit and Monitoring Data — Total Kjeldahl Nitrogen — RMDL = 0.5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	12	3.5	8.65	11.8	7.35	mg/L	
							7.95	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	12	0.9	1.4	6.3	5.4	mg/L	
							1.2	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	12	6	0.17	0.525	2.79	0.55	mg/L	
04 – INCO, Garson Mine	MW 0100	12	8	0.22	1.2	4.1	0.25	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	12	39	49.2	68	57.1	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	12	0.9	1.15	8.8	4.15	mg/L	
07 – INCO, Levack Mine	MW 0100	11	11	1.6	3.5	12	1.7	mg/L	
08 – Falconbridge, Lockerby	MW 0100	11	10	0.28	1.64	4.19	2.05	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	12	12	0.8	1	1.8	0.85	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	12	11	0.49	1.1	4.1	1.25	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	12	1.3	2.45	14	5.15	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	10	10.1	19.7	30.8	21.1	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	8	0.49	0.64	2	0.2	mg/L	<T
14 – INCO, Shebandowan Mine	PR 0100	12	11	0.4	2	3.6	2.1	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	11	0.56	1.21	2.79	1.4	mg/L	
16 – INCO, Whistle Mine	MW 0100	8	8	2	4.65	7	2.1	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	9	1.38	2.34	5.4	2.1	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	11	11	0.99	3.96	9.43			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	2.2	2.6	3			
24 – Teck – Corona, David Bell Mine	PR 0100	9	8	0.5	16.1	31.3	18.7	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	12	12	8	15	43	18.8	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	11	11	1.03	1.6	4.4			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	5	0.86	1.85	2.61	1.75	mg/L	
28 – Eastmaque Gold Mines	PR 0100	13	11	0.35	0.96	2.02	0.8	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	20	22	24			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	5	5	16	17	18.5	18.4	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	5	2.8	4.5	17	13	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	12	12	0.63	5.67	16.9	1.45	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				1.35	mg/L	
35 – Canamax, Marhill Mine	MW 0100	11	11	5.3	7.4	12.3			
36 – American Barrick, McDermott	PR 0100	3	3	2.6	4.1	4.6	3	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	10	1.8	4.6	7.3			
38 – LAC Minerals, Williams Mine	PR 0200	6	6	17.6	19.9	24.2	18.1	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	2	2	14.8	15.2	15.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	8	8	0.68	3.5	8			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	4.5	5.2	5.9			
42 – Renabie Gold Mines	PR 0100	8	8	3.71	10.3	19.7	3.9	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	5	4.6	5	5.8	4.45	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	1	0.12	0.25	0.56	0.5	mg/L	
51 – Denison Mines, Denison Property	PR 0100	11	11	26	46	69	53.5	mg/L	
51 – Denison Mines, Denison Property	SW 0200	11	8	0.3	0.84	83			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	12	3.6	6.6	9.2	3.7	mg/L	
53 – Rio Algom, Panel	SR 0100	12	12	8	9.05	14.3	8.2	mg/L	
54 – Rio Algom, Pronto	SW 0100	8	8	0.9	2.15	2.9			
55 – Rio Algom, Quirke	PR 0100	12	12	21.8	56.1	62.7	58.8	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	1	0.1	0.34	0.5	1.25	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	6	0.15	0.65	1	0.5	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	9	5	0.15	0.6	1.1			
57 – Cameco, Refinery, Port Hope	SR 0300	9	6	0.1	0.55	1.2			
58 – Rio Algom, Stanleigh	SW 0100	11	11	2.69	3.8	5.7	2.4	mg/L	
59 – Denison Mines, Stanrock	SW 0100	11	11	1.2	2	8.1	2.1	mg/L	

Comparison of Audit and Monitoring Data — Nitrate+Nitrite — RMDL = 0.25 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	12	1.5	2.43	3.95	2.1	mg/L	
							2	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	12	1.2	2.45	3.65	3.3	mg/L	
							3.1	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	12	3	0.2	0.2	0.5	0.15	mg/L	<T
04 – INCO, Garson Mine	MW 0100	12	12	1.05	2.28	[illegible]	1.2	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	12	0.36	1.45	4.7	3.1	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	12	1.7	6.55	40	10.6	mg/L	
07 – INCO, Levack Mine	MW 0100	11	11	3.45	10.5	14.7	10.3	mg/L	
08 – Falconbridge, Lockerby	MW 0100	11	11	0.81	5.72	8.52	3.75	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	12	11	0.1	0.85	9.6	0.65	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	12	12	0.25	0.4	1.4	0.15	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	12	11	0.2	0.475	1	0.4	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	10	30.2	36.6	43.6	26.9	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	12	0.35	0.6	2.5	1.3	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	12	10	0.2	1.28	1.7	1.25	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	[illegible]	0.2	0.33	0.63	0.35	mg/L	
16 – INCO, Whistle Mine	MW 0100	[illegible]	[illegible]	3.8	12.4	29.2	14.5	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	[illegible]	[illegible]	0.47	2.63	4.68	2.6	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	11	10	0.22	4.96	8.08			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	2.2	3.2	4.6			
24 – Teck – Corona, David Bell Mine	PR 0100	[illegible]	[illegible]	7.53	10.5	12.3	8.9	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	12	12	0.38	0.83	1.69	0.5	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	11	[illegible]	0.25	1.04	1.73			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	2	0.025	0.144	1.56	0.05	mg/L	<T
28 – Eastmaque Gold Mines	PR 0100	13	1	0.06	0.08	0.45	0.1	mg/L	<T
29 – Giant Yellowknife, ERG Res.	PR 0100	2	1	0.15	0.215	0.28			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	5	5	1	9.13	73.1	7.45	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	4	0.03	4.3	5.5	1.3	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	12	12	0.76	7.49	15.8	7.25	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.4	mg/L	
35 – Canamax, Marhill Mine	MW 0100	11	11	1.6	13.1	15.9			
36 – American Barrick, McDermott	PR 0100	3	3	0.32	0.94	2.2	0.35	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	[illegible]	0.17	0.95	5.2			
38 – LAC Minerals, Williams Mine	PR 0200	6	6	7.2	10.5	19	11.2	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	2	2	25.4	28.2	31.1			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	[illegible]	0.16	3.85	10.1			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	10.8	11.6	12.4			
42 – Renabie Gold Mines	PR 0100	8	8	3.6	5.35	6.75	6.25	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	2	0.1	0.15	3.2	2.85	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	[illegible]	[illegible]	0.38	0.655	0.99	0.65	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	12	43	71.5	110	94	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	12	2.1	5.3	12			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	12	2.7	4.9	6.33	4.15	mg/L	
53 – Rio Algom, Panel	SR 0100	12	12	6	8.05	9.2	6	mg/L	
54 – Rio Algom, Pronto	SW 0100	[illegible]	3	0.2	0.275	0.63			
55 – Rio Algom, Quirke	PR 0100	12	12	55.3	93.2	153	88.4	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	[illegible]	9	16	44	108	18.9	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	[illegible]	5	0.05	1.3	5	0.6	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	[illegible]	4	0.05	0.05	6.1			
57 – Cameco, Refinery, Port Hope	SR 0300	[illegible]	5	0.05	1.5	7			
58 – Rio Algom, Stanleigh	SR 0100	11	11	2.3	2.9	4.31	2.25	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	12	1.9	4.35	13	4.05	mg/L	

Comparison of Audit and Monitoring Data DOC RMDL = 0.5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				4.1	mg/L	
							4.8	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	0	0				4.3	mg/L	
							3.9	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	0	0				3.3	mg/L	
04 – INCO, Garson Mine	MW 0100	0	0				1	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	0	0				7.2	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	0	0				5.7	mg/L	
07 – INCO, Levack Mine	MW 0100	0	0				2.7	mg/L	
08 – Falconbridge, Lockerby	MW 0100	0	0				3.9	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	0	0				4.2	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	0	0				1.6	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	0	0				1.8	mg/L	
12 – Falconbridge, Onaping	MW 0100	0	0				3	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	0	0				4.8	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	0	0				4.1	mg/L	
15 – Falconbridge, Strathcona	PR 0100	0	0				2.1	mg/L	
16 – INCO, Whistle Mine	MW 0100	0	0				4	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	0	0				5.6	mg/L	
24 – Teck – Corona, David Bell Mine	PR 0100	0	0				4.3	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	0	0				10.5	mg/L	
27 – Placer Dome, Dona Lake Mine	PR 0100	0	0				17.4	mg/L	
28 – Eastmaque Gold Mines	PR 0100	0	0				5.9	mg/L	
30 – Hemlo Gold Mines, Golden Giant	PR 0100	0	0				3.8	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	0	0				7.8	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	0	0				4.7	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				10.2	mg/L	
36 – American Barrick, McDermott	PR 0100	0	0				18	mg/L	
38 – LAC Minerals, Williams Mine	PR 0200	0	0				3.2	mg/L	
42 – Renabie Gold Mines	PR 0100	0	0				9	mg/L	
45 – St. Andrews Gold Fields	PR 0100	0	0				21.4	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	0	0				1.9	mg/L	
51 – Denison Mines, Denison Property	PR 0100	0	0				2.8	mg/L	
52 – Rio Algom, Lacnor/Nordic	SW 0100	0	0				1.1	mg/L	
53 – Rio Algom, Panel	SR 0100	0	0				0.1	mg/L	<T
55 – Rio Algom, Quirke	PR 0100	0	0				0.8	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	0	0				30	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	0	0				2.2	mg/L	
58 – Rio Algom, Stanleigh	SR 0100	0	0				0.3	mg/L	<T
59 – Denison Mines, Stanrock	SW 0100	0	0				1.6	mg/L	

Comparison of Audit and Monitoring Data — TOC, Total Organic Carbon — RMDL = 5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	3	3.2	5.7	6.1	7	mg/L	
							5	mg/L	<T
02 – INCO, Crean Hill Mine	MW 0100	4	1	0.5	3.35	5.4	10	mg/L	
							4	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	4	3	0.6	5.15	5.7	4	mg/L	<T
04 – INCO, Garson Mine	MW 0100	4	0	0.5	1.15	1.9	2	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	4	4	6.7	7.3	7.9	7	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	3	0.5	5.3	9	6	mg/L	
07 – INCO, Levack Mine	MW 0100	4	2	0.5	4.95	6.7	3.3	mg/L	<T
08 – Falconbridge, Lockerby	MW 0100	4	2	3.2	4.45	7	5	mg/L	<T
09 – Falconbridge, Metallurgical	PR 0100	4	2	3	5.5	8	5	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	3	0	1.6	1.9	2.7	2	mg/L	<T
11 – INCO, Nolin Creek T.P.	SW 0100	4	1	1.1	2.8	5	2	mg/L	<T
12 – Falconbridge, Onaping	MW 0100	4	1	2	4.75	7	7	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	3	2	4	5.8	9.6	5	mg/L	<T
14 – INCO, Shebandowan Mine	PR 0100	4	4	5.06	5.9	6.42	5	mg/L	<T
15 – Falconbridge, Strathcona	PR 0100	4	0	1.2	2.55	4.9	4	mg/L	
16 – INCO, Whistle Mine	MW 0100	2	0	0.5	2.5	4.5	5	mg/L	<T
17 – Minnova, Winston Lake Mine	PR 0100	4	4	5.4	6.1	7.1	7	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	4	16.4	19.8	21			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	16.5	16.5	16.5			
24 – Teck – Corona, David Bell Mine	PR 0100	4	1	3.37	4.28	5.03	4	mg/L	<T
25 – Placer Dome, Detour Lake Mine	PR 0100	4	4	9.2	14.4	18.2	15	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	3	3	6.1	7.1	8.5			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	0	2	2	2	18	mg/L	
28 – Eastmaque Gold Mines	PR 0100	4	4	6.5	7.95	9.2	7	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	1	13	13	13			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	1	3.3	4.6	5.9	3	mg/L	<T
31 – Canamax, Kremzar Mine	PR 0100	1	1	7	7	7	8	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	3	3	5.7	10.3	15.4	6	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				13	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	0	1.8	1.9	2.1			
36 – American Barrick, McDermott	PR 0100	1	0	0.5	0.5	0.5	21	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	4	17	26.5	34			
38 – LAC Minerals, Williams Mine	PR 0200	2	2	5	5	5	5	mg/L	<T
38 – LAC Minerals, Williams Mine	MW 0100	1	1	15	15	15			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	4	5.2	8.9	52			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	12.5	12.5	12.5			
42 – Renabie Gold Mines	PR 0100	3	3	9.3	16.5	25.1	10	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	1	78	78	78	23	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	2	0	2.34	2.77	3.2	4	mg/L	
51 – Denison Mines, Denison Property	PR 0100	2	0	3.1	3.5	3.9	5	mg/L	
51 – Denison Mines, Denison Property	SW 0200	2	0	3.1	3.2	3.3			
52 – Rio Algom, Lacnor/Nordic	SW 0100	2	0	2.2	3.45	4.7	1	mg/L	<T
53 – Rio Algom, Panel	SR 0100	2	0	1.1	1.5	1.9	1	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	1	0	2.2	2.2	2.2			
55 – Rio Algom, Quirke	PR 0100	2	0	3	3.6	4.2	1	mg/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	4	36	41	49	41	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	1	3.1	3.65	7.2	4	mg/L	<T
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	2.6	3.2	4.4			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	2.5	3.6	3.8			
58 – Rio Algom, Stanleigh	SR 0100	3	0	0.5	0.6	1.3	1	mg/L	<W
59 – Denison Mines, Stanrock	SW 0100	2	0	2.3	2.4	2.5	3	mg/L	

Comparison of Audit and Monitoring Data — Chlorides — RMDL = 2 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	4	62	93.6	98	85.4	mg/L	
							102	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	4	4	78	129	89000	117	mg/L	
							84	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	4	4	20.7	29.8	42.6	35.9	mg/L	
04 – INCO, Garson Mine	MW 0100	4	4	72	128	149	176	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	4	4	26.2	29.4	35.4	59.4	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	4	18	30.6	112	67.7	mg/L	
07 – INCO, Levack Mine	MW 0100	4	4	34.2	83.3	114	85.1	mg/L	
08 – Falconbridge, Lockerby	MW 0100	4	4	171	258	294	252	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	4	4	8.13	12.6	26.1	41.4	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	4	4	12	18.1	20	15.9	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	4	4	42.4	71.3	201	59.1	mg/L	
12 – Falconbridge, Onaping	MW 0100	4	4	482	731	1140	594	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	4	4	222	304	567	591	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	4	4	21.8	28.7	33	26.4	mg/L	
15 – Falconbridge, Strathcona	PR 0100	4	4	118	151	173	142	mg/L	
16 – INCO, Whistle Mine	MW 0100	2	2	71.4	117	162	103	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	4	4	46.2	62	107	60.2	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	4	29.3	44.4	75.6			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	11.6	11.6	11.6			
24 – Teck – Corona, David Bell Mine	PR 0100	4	4	54.6	61.4	70.7	68.5	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	4	2	1.46	2.02	2.78	1.7	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	3	3	19	20.7	24.9			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	2	2.1	4.5	6.9	4.1	mg/L	
28 – Eastmaque Gold Mines	PR 0100	4	4	23.8	33.4	44.6	26.8	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	1	93.8	93.8	93.8			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	2	58.9	59	59.1	71.4	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	1	37	37	37	48.7	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	3	3	82.9	166	214	182	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				3.3	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	4	46	46.5	47			
36 – American Barrick, McDermott	PR 0100	1	1	3	3	3	3.1	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	4	3	1.49	5.75	8.3			
38 – LAC Minerals, Williams Mine	PR 0200	2	2	102	173	243	276	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	1	1	79.3	79.3	79.3			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	4	23.4	25.5	29.2			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	37.9	37.9	37.9			
42 – Renabie Gold Mines	PR 0100	3	3	48	50	71.8	53.1	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	1	9.2	9.2	9.2	12.2	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	2	1	1.7	3.15	4.6	4.8	mg/L	
51 – Denison Mines, Denison Property	PR 0100	4	4	80	110	120	106	mg/L	
51 – Denison Mines, Denison Property	SW 0200	4	4	170	205	250			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	4	7	8	13	12.1	mg/L	
53 – Rio Algom, Panel	SR 0100	4	4	81	190	191	171	mg/L	
54 – Rio Algom, Pronto	SW 0100	3	3	18	21	21			
55 – Rio Algom, Quirke	PR 0100	4	4	15	18	36	29.7	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	4	4	24	37.9	54	46.1	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	2	2	2.5	32.4	62.2	13.5	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	2	2	28.3	31.6	34.9			
57 – Cameco, Refinery, Port Hope	SR 0300	1	1	41.2	41.2	41.2			
58 – Rio Algom, Stanleigh	SR 0100	4	4	53	58.5	69	62.5	mg/L	
59 – Denison Mines, Stanrock	SW 0100	4	4	84	150	200	176	mg/L	

Comparison of Audit and Monitoring Data — Cyanates, Filtered — RMDL = 5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	0	2	2	2			
02 – INCO, Crean Hill Mine	MW 0100	4	0	2	2	2			
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.5			
04 – INCO, Garson Mine	MW 0100	4	0	2	2	2			
05 – Noranda Minerals, Geco Division	PR 0100	4	0	1	1	1			
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	1	1	1			
07 – INCO, Levack Mine	MW 0100	4	0	0.5	2	2			
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.5			
09 – Falconbridge, Metallurgical	PR 0100	4	0	1	1	1			
10 – INCO, Refinery, Sudbury	SR 0100	4	0	2	2	2			
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.5	2	2			
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.5			
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	2	2	2			
14 – INCO, Shebandowan Mine	PR 0100	4	0	2	2	2			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.5			
16 – INCO, Whistle Mine	MW 0100	2	0	2	2	2			
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	10	0	0.5	2	2.11			
21 – Canamax, Bell Creek Mine	PR 0100	3	0	0.5	1.4	1.6			
24 – Teck – Corona, David Bell Mine	PR 0100	9	0	0.5	2.69	4			
25 – Placer Dome, Detour Lake Mine	PR 0100	12	1	1	1.75	12.8			
26 – Placer Dome, Dome Mine	PR 0100	11	0	0.5	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.5	0.72	3.9			
28 – Eastmaque Gold Mines	PR 0100	13	0	0.5	0.6	2			
29 – Giant Yellowknife, ERG Res.	PR 0100	2	0	0.5	1.9	3.3			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	4	2	0.5	2.85	5			
31 – Canamax, Kremzar Mine	PR 0100	5	0	0.5	0.62	1.98			
32 – LAC Minerals, Macassa Division	PR 0100	12	5	0.6	3.4	19.3			
35 – Canamax, Marhill Mine	MW 0100	4	0	0.5	0.95	1			
36 – American Barrick, McDermott	PR 0100	3	0	0.5	0.5	0.5			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.5	0.5	1.34			
38 – LAC Minerals, Williams Mine	PR 0200	6	5	4	7.25	14.5			
38 – LAC Minerals, Williams Mine	MW 0100	2	0	2	2.5	3			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	0	0.5	0.725	3.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	0	0.6	2.05	3.5			
42 – Renabie Gold Mines	PR 0100	8	1	0.5	0.545	6.29			
45 – St. Andrews Gold Fields	PR 0100	5	0	0.5	0.5	0.57			
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.5	0.75	1			
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5			
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5			
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5			
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5			
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.5	0.5	0.5			
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5			

Comparison of Audit and Monitoring Data — Dissolved Solids — RMDL = 20 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Median	Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	12	1660	2290	2570	2340	mg/L	
							2170	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	12	417	986	5930	1430	mg/L	
							370	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	12	12	475	639	731	684	mg/L	
04 – INCO, Garson Mine	MW 0100	12	12	1110	1920	2310	2180	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	12	3610	4240	4910	4020	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	12	457	782	1350	893	mg/L	
07 – INCO, Levack Mine	MW 0100	11	11	1180	1650	2270	2020	mg/L	
08 – Falconbridge, Lockerby	MW 0100	11	11	895	1170	5210	1050	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	12	12	1820	2420	8840	3190	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	12	12	180	200	249	217	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	12	478	869	2320	1200	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	10	1410	2310	2700	1720	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	12	1110	4350	5830	6280	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	12	12	59	844	952	846	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	11	1040	1190	1290	1060	mg/L	
16 – INCO, Whistle Mine	MW 0100	8	8	1310	2130	2520	2470	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	9	1510	2110	2500	2100	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	11	11	360	451	625			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	430	490	530			
24 – Teck – Corona, David Bell Mine	PR 0100	9	9	160	2280	11000	2200	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	19	19	149	261	1680	3010	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	11	11	258	396	495			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	5	76	161	185	174	mg/L	
28 – Eastmaque Gold Mines	PR 0100	13	13	305	396	701	362	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	1230	1280	1330			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	5	5	2210	3030	3220	2550	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	5	160	310	330	267	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	12	12	492	968	1350	1060	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				50.2	mg/L	
35 – Canamax, Marhill Mine	MW 0100	11	11	320	400	430			
36 – American Barrick, McDermott	PR 0100	3	3	220	260	400	173	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	9	9	132	260	420			
38 – LAC Minerals, Williams Mine	PR 0200	6	6	1820	2060	2270	2170	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	2	2	740	790	840			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	10	366	599	960			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	860	959	1060			
42 – Renabie Gold Mines	PR 0100	8	8	400	423	559	447	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	5	296	370	390	939	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	6	640	800	910	931	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	12	2000	2800	3500	3310	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	12	640	1100	1700			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	12	1380	2290	4430	2660	mg/L	
53 – Rio Algom, Panel	SR 0100	12	12	2360	3000	3410	291	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	6	483	967	1040			
55 – Rio Algom, Quirke	PR 0100	11	11	1580	3040	3760	4450	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	9	379	659	984	496	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	8	20	245	770	263	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	9	8	20	230	1600			
57 – Cameco, Refinery, Port Hope	SR 0300	9	9	160	220	1760			
58 – Rio Algom, Stanleigh	SR 0100	11	11	1280	1450	1940	1860	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	12	1200	1900	2400	1670	mg/L	

Comparison of Audit and Monitoring Data — Sulphates — RMDL = 5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	12	960	1240	1650	1300	mg/L	
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				1280	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	12	150	543	3500	562	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	0	0				503	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	12	12	275	331	404	394	mg/L	
04 – INCO, Garson Mine	MW 0100	12	12	630	1030	1210	1190	mg/L	
05 – Noranda Minerals, Geco Division	PR 0100	12	12	2110	2560	3680	2600	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	12	11.6	295	499	407	mg/L	
07 – INCO, Levack Mine	MW 0100	11	11	485	1010	1470	1030	mg/L	
08 – Falconbridge, Lockerby	MW 0100	11	11	240	371	421	375	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	12	12	1260	1500	1980	1990	mg/L	
10 – INCO, Refinery, Sudbury	SR 0100	11	11	54	82	661	76.5	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	12	230	481	1590	716	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	10	340	556	650	384	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	12	670	2370	2940	3650	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	12	12	30	451	607	492	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	11	394	522	635	498	mg/L	
16 – INCO, Whistle Mine	MW 0100	8	8	610	1030	1410	1430	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	9	476	1180	1340	1240	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	4	4	106	160	184			
21 – Canamax, Bell Creek Mine	PR 0100	1	1	200	200	200			
24 – Teck – Corona, David Bell Mine	PR 0100	4	4	638	1300	1480	1340	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	4	4	61.4	109	201	139	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	3	3	153	155	190			
27 – Placer Dome, Dona Lake Mine	PR 0100	2	2	7.4	29.3	51.2	28.6	mg/L	
28 – Eastmaque Gold Mines	PR 0100	4	4	112	153	223	129	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	1	1	675	675	675			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	2	2	1460	1570	1680	1580	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	1	1	56	56	56	75.9	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	3	3	149	251	307	257	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				7.59	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	4	12.6	14.5	27			
36 – American Barrick, McDermott	PR 0100	1	1	10	10	10	7.36	mg/L	
37 – Bond Gold, Muskegsagagen Lake	PR 0100	4	4	9.8	45	97			
38 – LAC Minerals, Williams Mine	PR 0200	2	2	808	948	1090	908	mg/L	
38 – LAC Minerals, Williams Mine	MW 0100	1	1	337	337	337			
39 – Giant Yellowknife, Pamour #1	PR 0100	4	4	233	266	311			
39 – Giant Yellowknife, Pamour #1	PR 0200	1	1	376	376	376			
42 – Renabie Gold Mines	PR 0100	3	3	128	135	229	143	mg/L	
45 – St. Andrews Gold Fields	PR 0100	1	1	14	14	14	21	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	6	6	44.7	386	490	545	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	12	840	1500	1800	1580	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	12	230	405	700			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	12	919	1510	3120	1540	mg/L	
53 – Rio Algom, Panel	SR 0100	12	12	1370	1800	2000	1660	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	6	299	609	773			
55 – Rio Algom, Quirke	PR 0100	12	12	898	1750	2500	2270	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	9	8	22	70	34.9	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	9	19	21	26	22.2	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0200	9	8	2	21	23			
57 – Cameco, Refinery, Port Hope	SR 0300	9	9	16	18	24			
58 – Rio Algom, Stanleigh	SR 0100	11	11	589	860	1270	858	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	12	620	920	1100	693	mg/L	

Comparison of Audit and Monitoring Data — Iron — RMDL = 0.02 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	12	12	0.168	0.398	1.9	0.56	mg/L	
							0.57	mg/L	
02 – INCO, Crean Hill Mine	MW 0100	12	12	0.02	0.041	0.228	0.01	mg/L	<W
							0.035	mg/L	<T
03 – Falconbridge, Falconbridge	PR 0100	12	12	0.3	0.645	2.48	0.53	mg/L	
04 – INCO, Garson Mine	MW 0100	12	7	0.006	0.033	3.55	0.021	mg/L	<T
05 – Noranda Minerals, Geco Division	PR 0100	12	12	0.1	0.195	0.51	0.21	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	12	10	0.005	0.056	0.538	0.014	mg/L	<T
07 – INCO, Levack Mine	MW 0100	11	11	0.036	0.338	4.34	0.2	mg/L	
08 – Falconbridge, Lockerby	MW 0100	11	10	0.02	0.052	0.198	0.072	mg/L	
09 – Falconbridge, Metallurgical	PR 0100	12	9	0.013	0.0385	0.646	0.04	mg/L	<T
10 – INCO, Refinery, Sudbury	SR 0100	12	11	0.018	0.122	0.236	0.096	mg/L	
11 – INCO, Nolin Creek T.P.	SW 0100	12	12	0.296	1.33	9.67	0.26	mg/L	
12 – Falconbridge, Onaping	MW 0100	10	5	0.02	0.022	0.193	0.083	mg/L	
13 – INCO, Refinery, Port Colborne	SR 0100	12	11	0.01	0.122	0.4	0.097	mg/L	
14 – INCO, Shebandowan Mine	PR 0100	12	12	0.034	0.122	0.262	0.15	mg/L	
15 – Falconbridge, Strathcona	PR 0100	11	10	0.02	0.09	0.81	0.06	mg/L	
16 – INCO, Whistle Mine	MW 0100	8	7	0.006	0.169	0.822	0.15	mg/L	
17 – Minnova, Winston Lake Mine	PR 0100	9	9	0.044	0.21	0.232	0.25	mg/L	
19 – Dickenson, Arthur W. White Mine	PR 0100	11	11	0.217	0.531	1.57			
21 – Canamax, Bell Creek Mine	PR 0100	3	3	0.27	0.28	0.37			
24 – Teck – Corona, David Bell Mine	PR 0100	9	8	0.02	0.12	0.165	0.26	mg/L	
25 – Placer Dome, Detour Lake Mine	PR 0100	19	19	0.09	0.2	0.26	0.13	mg/L	
26 – Placer Dome, Dome Mine	PR 0100	11	11	0.08	0.22	0.39			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	4	0.013	0.16	0.23			
28 – Eastmaque Gold Mines	PR 0100	13	13	0.142	0.322	1.03	0.91	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	2	2	0.516	1.12	1.73			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	6	6	0.153	0.59	0.766	0.47	mg/L	
31 – Canamax, Kremzar Mine	PR 0100	5	5	0.14	0.2	0.64	0.14	mg/L	
32 – LAC Minerals, Macassa Division	PR 0100	12	11	0.016	0.375	1.22	0.11	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.15	mg/L	
35 – Canamax, Marhill Mine	MW 0100	11	11	0.32	4.77	9.54			
36 – American Barrick, McDermott	PR 0100	3	3	0.98	1.1	1.8	1.1	mg/L	
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	10	0.33	1.08	4.8			
38 – LAC Minerals, Williams Mine	PR 0200	6	6	0.024	0.278	0.8			
38 – LAC Minerals, Williams Mine	MW 0100	2	2	0.305	0.468	0.63			
39 – Giant Yellowknife, Pamour #1	PR 0100	10	10	0.146	0.236	0.474			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	2	0.594	0.784	0.974			
42 – Renabie Gold Mines	PR 0100	8	8	0.05	0.345	1.07	0.12	mg/L	
45 – St. Andrews Gold Fields	PR 0100	5	5	0.37	1.1	1.8	1.5	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	77	76	0.015	0.715	2.34	0.26	mg/L	
51 – Denison Mines, Denison Property	PR 0100	12	12	0.04	0.13	5.5	0.3	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	11	0.01	0.04	1			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	12	0.05	0.145	5.5	0.21	mg/L	
53 – Rio Algom, Panel	SR 0100	12	12	0.02	0.13	3.4	0.055	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	6	0.08	0.35	0.7			
55 – Rio Algom, Quirke	PR 0100	12	12	0.05	0.3	2.84	0.1	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	9	1.9	6.79	8.4	2.8	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	8	0.02	0.32	0.7	0.46	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0300	9	9	0.025	0.24	1.84			
57 – Cameco, Refinery, Port Hope	SR 0200	8	8	0.135	0.33	0.8			
58 – Rio Algom, Stanleigh	SR 0100	11	11	0.42	0.82	3	0.36	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	12	0.05	0.225	0.91	0.083	mg/L	

Comparison of Audit and Monitoring Data — Thiocyanates, Filtered — RMDL = 5 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	4	10	10	10			
02 – INCO, Crean Hill Mine	MW 0100	4	4	10	10	10			
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.5	0.5	0.5			
04 – INCO, Garson Mine	MW 0100	4	4	10	10	10			
05 – Noranda Minerals, Geco Division	PR 0100	4	4	24	25.5	29			
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	0	0.5	0.5	0.5			
07 – INCO, Levack Mine	MW 0100	3	3	10	10	10			
08 – Falconbridge, Lockerby	MW 0100	4	0	0.5	0.5	0.5			
09 – Falconbridge, Metallurgical	PR 0100	4	0	1.54	1.85	2.15			
10 – INCO, Refinery, Sudbury	SR 0100	4	4	10	10	10			
11 – INCO, Nolin Creek T.P.	SW 0100	4	3	1.4	10	10			
12 – Falconbridge, Onaping	MW 0100	4	0	0.5	0.5	0.5			
13 – INCO, Refinery, Port Colborne	SR 0100	4	4	10	10	10			
14 – INCO, Shebandowan Mine	PR 0100	4	4	10	10	10			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.5	0.5	0.5			
16 – INCO, Whistle Mine	MW 0100	2	2	10	10	10			
17 – Minnova, Winston Lake Mine	PR 0100	4	0	1	1	1			
19 – Dickenson, Arthur W. White Mine	PR 0100	11	0	0.5	0.72	1.32			
21 – Canamax, Bell Creek Mine	PR 0100	2	0	1	1	1			
24 – Teck – Corona, David Bell Mine	PR 0100	9	2	0.5	2.62	14.8			
25 – Placer Dome, Detour Lake Mine	PR 0100	12	9	1	10	50			
26 – Placer Dome, Dome Mine	PR 0100	11	0	1	1	1			
27 – Placer Dome, Dona Lake Mine	PR 0100	5	0	0.5	0.5	0.5			
28 – Eastmaque Gold Mines	PR 0100	13	0	0.5	0.5	1			
29 – Giant Yellowknife, ERG Res.	PR 0100	2	1	1	44.6	88.2			
30 – Hemlo Gold Mines, Golden Giant	PR 0100	3	0	1	1	4			
31 – Canamax, Kremzar Mine	PR 0100	5	0	0.5	0.5	0.5			
32 – LAC Minerals, Macassa Division	PR 0100	12	4	0.5	0.71	13.7			
35 – Canamax, Marhill Mine	MW 0100	4	0	1	1	1			
36 – American Barrick, McDermott	PR 0100	3	0	0.5	0.5	0.5			
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	10	0	0.5	0.5	0.66			
38 – LAC Minerals, Williams Mine	PR 0200	6	2	0.5	1	11.5			
38 – LAC Minerals, Williams Mine	MW 0100	1	0	0.5	0.5	0.5			
39 – Giant Yellowknife, Pamour #1	PR 0100	9	2	0.5	1	12			
39 – Giant Yellowknife, Pamour #1	PR 0200	2	0	2.82	3.41	4			
42 – Renabie Gold Mines	PR 0100	8	0	0.5	1.59	3.87			
45 – St. Andrews Gold Fields	PR 0100	5	0	0.5	0.62	3.2			
46 – Algoma Steel, Ore Division	PR 0100	2	0	1	1	1			
51 – Denison Mines, Denison Property	PR 0100	4	0	0.5	0.5	0.5			
51 – Denison Mines, Denison Property	SW 0200	4	0	0.5	0.5	0.5			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.5	0.5	0.5			
53 – Rio Algom, Panel	SR 0100	4	0	0.5	0.5	0.5			
54 – Rio Algom, Pronto	SW 0100	3	0	0.5	0.5	0.5			
55 – Rio Algom, Quirke	PR 0100	4	0	0.5	0.5	0.5			
56 – Cameco, Refinery, Blind River	SR 0300	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.5	0.5	0.5			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.5	0.5	0.5			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.5	0.5	0.5			
59 – Denison Mines, Stanrock	SW 0100	4	0	0.5	0.5	0.5			

Comparison of Audit and Monitoring Data — Uranium — RMDL = 0.02 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	0	0				0.005	mg/L	<
							0.005	mg/L	<
02 – INCO, Crean Hill Mine	MW 0100	0	0				0.005	mg/L	<
							0.005	mg/L	<
03 – Falconbridge, Falconbridge	PR 0100	0	0				0.005	mg/L	<
04 – INCO, Garson Mine	MW 0100	0	0				0.005	mg/L	<
05 – Noranda Minerals, Geco Division	PR 0100	0	0				0.006	mg/L	
06 – Falconbridge, Kidd Creek Mine	MW 0100	0	0				0.005	mg/L	<
07 – INCO, Levack Mine	MW 0100	0	0				0.005	mg/L	<
08 – Falconbridge, Lockerby	MW 0100	0	0				0.005	mg/L	<
09 – Falconbridge, Metallurgical	PR 0100	0	0				0.005	mg/L	<
10 – INCO, Refinery, Sudbury	SR 0100	0	0				0.005	mg/L	<
11 – INCO, Nolin Creek T.P.	SW 0100	0	0				0.005	mg/L	<
12 – Falconbridge, Onaping	MW 0100	0	0				0.005	mg/L	<
13 – INCO, Refinery, Port Colborne	SR 0100	0	0				0.005	mg/L	<
14 – INCO, Shebandowan Mine	PR 0100	0	0				0.005	mg/L	<
15 – Falconbridge, Strathcona	PR 0100	0	0				0.005	mg/L	<
16 – INCO, Whistle Mine	MW 0100	0	0				0.005	mg/L	<
17 – Minnova, Winston Lake Mine	PR 0100	0	0				0.005	mg/L	<
24 – Teck – Corona, David Bell Mine	PR 0100	0	0				0.005	mg/L	<
25 – Placer Dome, Detour Lake Mine	PR 0100	0	0				0.005	mg/L	<
28 – Eastmaque Gold Mines	PR 0100	0	0				0.005	mg/L	<
30 – Hemlo Gold Mines, Golden Giant	PR 0100	0	0				0.005	mg/L	<
31 – Canamax, Kremzar Mine	PR 0100	0	0				0.005	mg/L	<
32 – LAC Minerals, Macassa Division	PR 0100	0	0				0.008	mg/L	
33 – Muscocho, Magnacon Mine	PR 0100	0	0				0.005	mg/L	<
42 – Renabie Gold Mines	PR 0100	0	0				0.005	mg/L	<
45 – St. Andrews Gold Fields	PR 0100	0	0				0.005	mg/L	<
46 – Algoma Steel, Ore Division	PR 0100	0	0				0.005	mg/L	<
51 – Denison Mines, Denison Property	PR 0100	12	12	0.026	0.13	0.21	0.092	mg/L	
51 – Denison Mines, Denison Property	SW 0200	12	2	0.01	0.01	0.03			
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	10	0.02	0.04	0.07	0.009	mg/L	
53 – Rio Algom, Panel	SR 0100	12	12	0.05	0.145	0.35	0.039	mg/L	
54 – Rio Algom, Pronto	SW 0100	6	3	0.02	0.02	0.04			
55 – Rio Algom, Quirke	PR 0100	12	12	0.05	0.12	0.48	0.086	mg/L	
56 – Cameco, Refinery, Blind River	SR 0300	9	6	0.01	0.04	0.11	0.028	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	9	7	0.01	0.03	0.05	0.03	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0300	9	7	0.01	0.03	0.09			
57 – Cameco, Refinery, Port Hope	SR 0200	8	6	0.01	0.025	0.09			
58 – Rio Algom, Stanleigh	SR 0100	11	10	0.02	0.06	0.1	0.037	mg/L	
59 – Denison Mines, Stanrock	SW 0100	12	6	0.01	0.021	0.038	0.008	mg/L	

Comparison of Audit and Monitoring Data — Cyanide (WAD) — RMDL = 0.005 mg/L

Company Identification	Control Point	Monitoring Data: Samples N	Samples N >RMDL	Concentration Minimum	Concentration Median	Concentration Maximum	Audit Data: Conc.	Unit	Remark
01 – INCO, Copper Cliff T.P.	PR 0100	4	1	0.005	0.005	0.047	0.001	mg/L	<W
02 – INCO, Crean Hill Mine	MW 0100	4	0	0.005	0.005	0.005	0.001	mg/L	
03 – Falconbridge, Falconbridge	PR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
04 – INCO, Garson Mine	MW 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
05 – Noranda Minerals, Geco Division	PR 0100	4	0	0.001	0.003	0.005			
06 – Falconbridge, Kidd Creek Mine	MW 0100	4	4	0.02	0.02	0.02			
07 – INCO, Levack Mine	MW 0100	4	0	0.0005	0.005	0.005	0.001	mg/L	<W
08 – Falconbridge, Lockerby	MW 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
09 – Falconbridge, Metallurgical	PR 0100	4	4	0.02	0.02	0.02	0.001	mg/L	<W
10 – INCO, Refinery, Sudbury	SR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
11 – INCO, Nolin Creek T.P.	SW 0100	4	0	0.001	0.005	0.005			
12 – Falconbridge, Onaping	MW 0100	4	1	0.005	0.005	0.007	0.001	mg/L	<W
13 – INCO, Refinery, Port Colborne	SR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
14 – INCO, Shebandowan Mine	PR 0100	4	0	0.005	0.005	0.005			
15 – Falconbridge, Strathcona	PR 0100	4	0	0.005	0.005	0.005	0.001	mg/L	<W
16 – INCO, Whistle Mine	MW 0100	2	0	0.005	0.005	0.005			
17 – Minnova, Winston Lake Mine	PR 0100	3	1	0.001	0.005	0.014			
19 – Dickenson, Arthur W. White Mine	PR 0100	136	131	0.001	0.063	0.455			
21 – Canamax, Bell Creek Mine	PR 0100	41	25	0.00071	0.022	0.83			
24 – Teck – Corona, David Bell Mine	PR 0100	110	106	0.0035	0.0205	1.47			
25 – Placer Dome, Detour Lake Mine	PR 0100	156	9	0.005	0.005	0.049	0.005	mg/L	<T
26 – Placer Dome, Dome Mine	PR 0100	78	78	0.005	0.036	0.6			
27 – Placer Dome, Dona Lake Mine	PR 0100	60	6	0.004	0.004	0.028			
28 – Eastmaque Gold Mines	PR 0100	156	68	0.005	0.008	0.139	0.062	mg/L	
29 – Giant Yellowknife, ERG Res.	PR 0100	18	7	0.005	0.005	0.471			
31 – Canamax, Kremzar Mine	PR 0100	47	32	0.002	0.007	0.05	0.002	mg/L	<T
32 – LAC Minerals, Macassa Division	PR 0100	157	97	0.005	0.012	18.9	0.008	mg/L	
35 – Canamax, Marhill Mine	MW 0100	4	0	0.002	0.002	0.002			
36 – American Barrick, McDermott	PR 0100	22	6	0.002	0.002	0.01	0.002	mg/L	<T
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	134	128	0.001	0.009	0.026			
38 – LAC Minerals, Williams Mine	PR 0200	65	65	0.007	0.037	0.607			
39 – Giant Yellowknife, Pamour #1	PR 0100	116	59	0.005	0.0055	37.6			
39 – Giant Yellowknife, Pamour #1	PR 0200	22	13	0.005	0.009	0.401			
40 – Giant Yellowknife, P–S	MW 0100	16	1	0.005	0.005	0.013			
42 – Renabie Gold Mines	PR 0100	84	76	0.002	0.217	13.2	0.007	mg/L	
45 – St. Andrews Gold Fields	PR 0100	61	58	0.001	0.03	0.32	0.045	mg/L	
46 – Algoma Steel, Ore Division	PR 0100	2	0	0.005	0.005	0.005			
51 – Denison Mines, Denison Property	PR 0100	4	0	0.0005	0.00075	0.001	0.001	mg/L	<W
51 – Denison Mines, Denison Property	SW 0200	4	0	0.0005	0.0005	0.001			
52 – Rio Algom, Lacnor/Nordic	SW 0100	4	0	0.0005	0.0005	0.001	0.001	mg/L	<W
53 – Rio Algom, Panel	SR 0100	4	0	0.0005	0.0005	0.001	0.001	mg/L	<W
54 – Rio Algom, Pronto	SW 0100	3	0	0.0005	0.0005	0.001			
55 – Rio Algom, Quirke	PR 0100	4	0	0.0005	0.001	0.002	0.001	mg/L	<W
56 – Cameco, Refinery, Blind River	SR 0300	4	4	0.45	0.74	1.5	0.7	mg/L	
57 – Cameco, Refinery, Port Hope	SR 0100	4	0	0.0005	0.0005	0.001			
57 – Cameco, Refinery, Port Hope	SR 0200	4	0	0.0005	0.0005	0.001			
57 – Cameco, Refinery, Port Hope	SR 0300	4	0	0.0005	0.0005	0.001			
58 – Rio Algom, Stanleigh	SR 0100	4	0	0.0005	0.0005	0.001	0.001	mg/L	<W
59 – Denison Mines, Stanrock	SW 0100	4	0	0.0005	0.0005	0.001	0.001	mg/L	<W

APPENDIX 2

NUMBER OF DAYS OF EFFLUENT DISCHARGE

MISA Metal Mining Sector
12 - Month Database
February 1, 1990 to January 31, 1991

NUMBER OF DAYS OF EFFLUENT DISCHARGE

MISA Metal Mining Sector: 12 – Month Database
February 1, 1990 to January 31, 1991

Company	Ctrlpt.	Feb–90	Mar–90	Apr–90	May–90	Jun–90	Jul–90	Aug–90	Sep–90	Oct–90	Nov–90	Dec–90	Jan–91	Total
01 – INCO, Copper Cliff T.P.	PR 0100	28	31	30	31	30	30	31	30	31	30	31	31	364
02 – INCO, Crean Hill Mine	MW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
03 – Falconbridge, Falconbridge	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
04 – INCO, Garson Mine	MW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
05 – Noranda Minerals, Geco Division	PR 0100	28	21.15	29.25	30.29	29.9	29.87	20.19	28.04	30.57	29.17	29.99	30.04	336.5
06 – Falconbridge, Kidd Creek Mine	MW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
07 – INCO, Levack Mine	MW 0100	28	30	30	31	30	31	31	30	29	15	31	31	347
08 – Falconbridge, Lockerby	MW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
09 – Falconbridge, Metallurgical	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
10 – INCO, Refinery, Sudbury	SR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
11 – INCO, Nolin Creek T.P.	SW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
12 – Falconbridge, Onaping	MW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
13 – INCO, Refinery, Port Colborne	SR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
14 – INCO, Shebandowan Mine	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
15 – Falconbridge, Strathcona	PR 0100	28	31	30	30	27	31	31	3	0	18	23	31	283
16 – INCO, Whistle Mine	MW 0100	0	11	16	31	30	29	0	0	22	30	31	14	214
17 – Minnova, Winston Lake Mine	PR 0100	0	0	0	31	30	31	31	15	27	15	31	31	242
19 – Dickenson, Arthur W. White Mine	PR 0100	28	31	20	0	24	31	31	30	31	30	31	31	318
21 – Canamax, Bell Creek Mine	PR 0100	0	0	0	0	0	4	31	23	31	6	0	1	96
24 – Teck – Corona, David Bell Mine	PR 0100	25	6	0	27	30	31	23	30	11	20	31	30	264
25 – Placer Dome, Detour Lake Mine	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
26 – Placer Dome, Dome Mine	PR 0100	28	31	30	31	30	31	31	30	31	30	5	23	331
27 – Placer Dome, Dona Lake Mine	PR 0100	0	0	0	25	30	27	0	0	31	30	0	0	143
28 – Eastmaque Gold Mines	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
29 – Giant Yellowknife, ERG Res.	PR 0100	0	0	27	4	0	0	0	0	13	0	0	0	44
30 – Hemlo Gold Mines, Golden Giant	PR 0100	0	0	0	0	0	16	31	30	31	30	31	19	188

NUMBER OF DAYS OF EFFLUENT DISCHARGE

MISA Metal Mining Sector: 12 – Month Database
February 1, 1990 to January 31, 1991

Company	Ctrlpt.	Feb–90	Mar–90	Apr–90	May–90	Jun–90	Jul–90	Aug–90	Sep–90	Oct–90	Nov–90	Dec–90	Jan–91	Total
31 – Canamax, Kramzar Mine	PR 0100	0	0	16	16	0	8	0	19	0	0	0	0	59
32 – LAC Minerals, Macassa Division	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
35 – Canamax, Marhill Mine	MW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
36 – American Barrick, McDermott	PR 0100	0	11	27	16	0	0	0	0	0	0	0	0	54
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	28	3	10	31	30	31	31	30	31	30	31	31	317
38 – LAC Minerals, Williams Mine	MW 0100	28	28	0	0	0	0	0	0	0	0	0	0	56
38 – LAC Minerals, Williams Mine	PR 0200	0	0	0	10	29	31	31	30	17	0	0	0	148
39 – Giant Yellowknife, Pamour #1	PR 0100	28	31	30	31	30	31	31	15	31	30	0	21	309
39 – Giant Yellowknife, Pamour #1	PR 0200	0	0	0	0	0	0	0	25	31	5	0	0	61
40 – Giant Yellowknife, P–S	MW 0100													
42 – Renable Gold Mines	PR 0100	0	14	30	28	26	30	1	5	0	18	31	31	214
45 – St. Andrews Gold Fields	PR 0100	0	0	0	0	0	26	31	30	31	29	0	0	147
46 – Algoma Steel, Ore Division	PR 0100	28	31	30	31	30	30	0	0	0	0	0	0	180
51 – Denison Mines, Denison Property	PR 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
51 – Denison Mines, Denison Property	SW 0200	28	31	30	31	30	31	23	16	31	30	31	31	343
52 – Rio Algom, Lacnor/Nordic	SW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365
53 – Rio Algom, Panel	SR 0100	28	31	30	30.7	29.7	31	31	30	22.7	21.2	26	25.2	336.4
54 – Rio Algom, Pronto	SW 0100	0	12	29.7	31	28.3	0	11	12	0	4	21	0	148.9
55 – Rio Algom, Quirke	PR 0100	28	31	30	30.3	30	31	30	30	30.5	27.7	19.4	23.9	341.9
56 – Cameco, Refinery, Blind River	SR 0300	28	31	30	31	20	0	0	0	22	29	31	31	253
57 – Cameco, Refinery, Port Hope	SR 0100	28	31	30	31	27	0	0	0	21	30	31	31	260
57 – Cameco, Refinery, Port Hope	SR 0200	28	31	30	31	27	0	0	0	21	30	31	31	260
57 – Cameco, Refinery, Port Hope	SR 0300	28	31	30	31	27	0	0	0	21	30	31	31	260
58 – Rio Algom, Stanleigh	SR 0100	28	27.5	26.5	31	25.7	25.0	17.4	13.5	31	25.7	27.9	30.0	309.2
59 – Denison Mines, Stanrock	SW 0100	28	31	30	31	30	31	31	30	31	30	31	31	365

APPENDIX 3

DATA QUALITY EVALUATION REPORT

MISA Metal Mining Sector
12 - Month Database

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1. INTRODUCTION

As part of the Ontario Ministry of the Environment's Municipal Industrial Strategy for Abatement (MISA) program forty-six Ontario metal mining companies conducted one year of effluent monitoring (1,2). The analytical data set obtained from the 12-month monitoring period is being used by the Ministry of the Environment to select a list of parameters for effluent limit setting. Limits are being set for those parameters which are found in a company's effluent, have acceptable quality assurance and quality control (QA/QC), and are determined to be treatable by Best Available Technology Economically Achievable (BATEA). Parameters which have unacceptable data or for which BATEA is not identified may be subject to continued monitoring.

1.1 Data Quality

The data obtained from the monitoring period must be of known reliable quality to be used in the limit setting process. To document the quality of the monitoring data, mining companies were required to submit quality assurance and quality control (QA/QC) data. The reporting of QC data assists in evaluating the impact of field and laboratory activities on the validity of the data reported.

The primary data quality concerns include the possibility that:

- low results represent false positive findings,
- non-detected results represent false negative findings,
- results are underestimated or overestimated,
- analytes are misidentified.

In addition to QC data, each individual test result may be qualified by the analyst using a remark code to attest to the degree of confidence in the quality or absolute value of a result.

Monitoring for the Metal Mining Sector was completed on 91/01/31. This report completes the quality assessment of the final monitoring database.

The quality of the data compiled is determined through an evaluation of the remark codes that may be associated with individual test results and by the QC data collected. Based on this assessment, parameters may be excluded from further consideration in limit setting.

The data quality evaluation emphasizes those parameters preliminarily selected as candidates for limit-setting.

2. Parameters for Effluent Limit-Setting

2.1 Criteria for Selection of Parameters for Limit-Setting

Data for each plant's effluent streams are evaluated by firstly listing those substances monitored and found at a frequency great enough to warrant consideration for limit setting (3). A parameter is listed for further consideration unless 90% of the analytical results are "not detected". This is accomplished statistically, at the 95% confidence level, using a binomial test if there are more than twenty samples and the table by Conover for sample numbers ≤ 20. An analytical result is treated as "not detected" if the result reported is less than the regulation method detection limit (RMDL) or equal to the RMDL with an associated remark code of <W, <DL, <T, < or <WE.

2.2 Preliminary List of Parameters

Based on the selection criteria, and prior to any evaluation of data quality, a total of 58 parameters were selected as initial candidates in limit setting for the Metal Mining Sector. The parameters selected are given in Table 1 along with the total number of streams for which each parameter was selected. In Appendix C the list of selected parameters is further broken down into a list for each effluent stream and also for the Mining subcategories:

- Copper, Lead, Zinc, Nickel;
- Gold;
- Iron;
- Uranium.

A list of the companies and stream identifications is also given in Appendix C.

TABLE 1

Number of Streams Selected by Parameter
Prior to Data Quality Evaluation
MISA METAL MINING SECTOR
12 – Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	PARAMETER	NUMBER OF STREAMS SELECTED
01	COD	43
02	Cyanide Total	27
06	Total phosphorus	12
08	Total suspended solids	40
09	Aluminum	35
	Cadmium	10
	Chromium	1
	Cobalt	19
	Copper	39
	Lead	10
	Molybdenum	7
	Nickel	36
	Thallium	1
	Vanadium	1
	Zinc	42
10	Antimony	5
	Arsenic	13
	Selenium	5
12	Mercury	7
14	Phenolics (4AAP)	28
16	1,1–Dichloroethane	7
	Carbon tetrachloride	1
	Chloroform	3
	Methylene chloride	1
	Trichlorofluoromethane	1
17	Benzene	2
	Toluene	2
	m–Xylene and p–Xylene	1
	o–Xylene	1
19	2–Methylnaphthalene	1
	Naphthalene	1
20	m–Cresol	1
	p–Cresol	1
23	1,2,3,4–Tetrachlorobenzene	1
	1,2,3,5–Tetrachlorobenzene	1
	1,2,3–Trichlorobenzene	1
	1,2,4,5–Tetrachlorobenzene	1
	1,2,4–Trichlorobenzene	1
	2,4,5–Trichlorotoluene	1
	Hexachlorobenzene	1
	Hexachlorobutadiene	1
	Hexachlorocyclopentadiene	1
	Hexachloroethane	10
	Octachlorostyrene	1
	Pentachlorobenzene	1
25	Oil and grease	44
4a	Ammonia plus Ammonium	50
	Total Kjeldahl Nitrogen	48
4b	Nitrate+Nitrite	45
5b	TOC, Total Organic Carbon	17
M1	Chlorides	40
M2	Cyanates, Filtered	2
M3	Dissolved Solids	50
M4	Sulphates	43
M5	Iron	50
M6	Thiocyanates, Filtered	12
M7	Uranium	11
M8	Cyanide (Free)	18

TABLE 2

Processing of Data by Remark Code

The remark codes listed below were used in the MISA Mining Sector 12 month database to qualify the data reported. Data associated with these remark codes were managed as follows.

---

1. For the following eleven remark codes;

<	Actual amount less than reported
<DL	Reported value = MDL: measured amt. MDL (non-zero)
<T	A measurable trace amount: interpret with caution
<W	No measurable response (zero): reported value
<WE	No measurable response (diln/conc): reported value
A	Approximate value
AIS	Approximate value: insufficient sample
I	Interference suspected
IM	Interference: sample matrix
IB	Interference: background
OLD	Old: sample exceeds maximum storage time

- If the concentration reported was less than RMDL/10 or equal to zero then RMDL/10 was substituted.
- Other results used as reported.

---

2. For the following six remark codes;

?	Late data: data not yet available: see text
N/A	No data will be reported
¦IN	No data: insufficient volume due to inspection
¦NM	No effluent - no sample available
AR	Attached report
Blank	ie. No remark code entered

- All zero results were excluded.
- If the concentration reported was less-than RMDL/10 and greater-than zero then RMDL/10 was substituted.
- Other results used as reported.

---

3. Data with the following three remark codes was excluded;

SIP	Sample improperly preserved
UCR	Data unreliable: could not confirm by reanalysis
UQC	Data unreliable: possible lab QC problem(s)

---

3. Data Quality Assessment

3.1 Evaluation of Data by Remark Code

Table 2 lists the remark codes which were used in the Metal Mining Sector database to qualify individual results reported. The results reported with these remark codes were reviewed in comparison to the other results for a parameter to decide what data should be excluded. Based on this review , all data with the remark codes SIP, UCR or UQC were excluded from further evaluation because the results were questionable. All other data was included in the QA/QC assessment process. Data with analytical results below the RMDL were used as reported unless the result was less than RMDL/10. In this case, the value of RMDL/10 was substituted.

Based on the selection criteria, a parameter may be preliminarily selected at a stream because of results which did not meet the RMDL. These results are identified by a value greater than the RMDL and an associated "less-than" remark code of <W, <DL, <T, < or <WE. It is convenient to consider these results in two ways based on the level of non-compliance with the RMDL and the reason behind it.

1. Results may be reported above the RMDL because a laboratory detection limit (LMDL) is greater than the regulation method detection limit (RMDL). For individual results reported with a "less-than" remark code, but within 1.6 times the RMDL, the absence of an analyte may be accepted because the result is not significantly greater than the RMDL. In the absence of other positively detected samples, a parameter may be removed from the list of parameters selected for a stream. "Less-than" data reported above 1.6 times the RMDL should not be used to confirm the presence or absence of an analyte.

   Table 4 (page 10) lists those streams for which parameters were selected based on "less-than" results reported above the RMDL but where results were within 1.6 times the RMDL. These streams may be removed from the list of streams selected for a parameter. Monitoring for assessment may be required.

2. Due to the nature of an effluent sample there may be potential for interference in the analytical method; therefore, not every analyte will be observable in every sample down to the RMDL. There will be cases when no reportable or observable result is available at levels far above the RMDL. If remark codes are properly applied, these values are identified by the < or <WE remark code. When reported at levels greater than 1.6 times the RMDL these results should not be used to confirm the presence or absence of an analyte. In the absence of other positively detected/not-detected results then the parameters data are unacceptable and further monitoring may be required.
   Table 5 (page 11) lists those parameters and streams selected because of data reported above 1.6 times the RMDL with an associated "less-than" remark code (<W, <DL, <T, <, <WE).

3.2 Evaluation of Data by QA/QC Results

The evaluation of monitoring data quality, using the results of reported QC data, follows the approach outlined in the draft MISA Issues Resolution Process - Issue Resolution Committee Reports (Ontario Ministry of the Environment, 1990).

3.2.1 QC Data Reporting Requirements

The effluent monitoring regulation for the Metal Mining Sector required the reporting of the following QC results (1);

- travelling blanks,
- travelling spiked blanks,
- laboratory method blanks.

Each of the QA/QC data types provides information about the quality of the effluent samples.

Travelling blanks provide information on any problems with sample contamination. Travelling blank results are expected to be less than the laboratory detection limit (LMDL) unless field operations are introducing contamination. Travelling blanks were not required for analytical test groups (ATG's) 1, 3, 8, 28 and 29.

The primary function of travelling spiked blanks is to provide information on loss or degradation of analyte from the time of sampling to analysis. Travelling spikes are required only for analytical test groups 16 to 20, 23 and 27. A comparison against the laboratory spiked method blank may help to determine whether the sample has deteriorated or whether it is a laboratory recovery or control problem.

Laboratory method blanks are used to correct for labware/reagent contamination. The reporting of both uncorrected and corrected monitoring results indicates if a laboratory is correcting for laboratory blanks and also aids in assessing the magnitude of the effect of laboratory operations on the effluent data. Failure to properly correct monitoring results for laboratory blanks may lead to:

- false positives or overestimates (lack of correction);
- false negatives or underestimates (over-correction).

Data for other laboratory QA/QC checks such as spiked blanks and replicates used for assessing recovery and precision and which are required under the MISA general effluent monitoring regulation are not reported but retained on file by the laboratories for possible audit/review by the Ministry (2).

3.2.2 Presentation of Data for Quality Assessment

Appendix B contains tables summarizing effluent monitoring and any accompanying QC data for each parameter on the initial list of selected parameters. Data is presented only for those streams at which the parameter was selected.

All monitoring and travelling blank data are presented as concentration ratios. A concentration ratio is the analytical result divided by the RMDL for the parameter.

Laboratory corrections are presented as difference ratios, defined as the difference between the uncorrected and corrected monitoring data divided by the RMDL for the parameter.

The data tables serve as a screening tool for the quality of the data. Scaling results against the RMDL provides an immediate indication of the significance of a result. For example, a concentration ratio of 1.0 would indicate that the reported result was equal to the RMDL. Concentration ratios for travelling blanks which are always less than or equal to 1.0 would indicate that field contamination was not significant. Travelling blank concentration ratios greater than 1.0 would be compared to the monitoring concentration ratios and, if significant, a more detailed investigation would be carried out.

Difference ratios of zero for laboratory corrections indicate that the laboratory is not correcting for lab blanks. When laboratory corrections are made, they should be stable and less than the monitoring concentrations.

Minimum, median, maximum and average concentration/difference ratios are presented for each stream where a parameter was selected.

Travelling spiked blank data is presented as minimum, median, maximum and average spike recoveries. Also presented is the average quantity spiked divided by the RMDL.

The data tables also classify monitoring data for the selected parameters according to their frequency and level of detection in each effluent stream.

Parameters are classified as:

FH	Frequently Found - High Level
FM	Frequently Found - Medium Level
FL	Frequently Found - Low Level
IH	Infrequent Found - High Level
IM	Infrequent Found - Medium Level
IL	Infrequent Found - Low Level

A full description of the frequency classification is given in Appendix D. The frequency of occurrence classification helps dictate the strategy and the predominant general QC concerns which must be evaluated. Flow charts for the evaluation of QC data are given at the back of Appendix D. These flow charts provide guidance for systematic evaluation of specific QC data.

3.2.3 Evaluation of Frequently Found Parameters

Effluent data were considered as being either an acceptable representation of actual levels, a possible under-estimate or a possible over-estimate of the actual level of a particular analyte. The likelihood of over-estimation is based on over-recovery of travelling spiked blanks and travelling blanks greater than the RMDL. The likelihood of under-estimation is based on under-recovery of travelling spiked blanks and high laboratory blanks. False positives become a concern for low level data (ie. FL).

3.2.4 Evaluation of Infrequently Found Parameters

Effluent data were considered as being either acceptable (true positive) or questionable (possible false positive). The likelihood of false positives is based on over-recovery of travelling spiked blank samples and/or contamination of travelling blank samples.

3.2.5 Evaluation of Non-Selected Parameters

Parameters not selected as candidates for limit setting are investigated for possible false negative results. The possibility of false negatives is based on gross under-recovery of travelling spiked blank samples (< 20%) and over correction for laboratory blanks. Parameters showing under-recovery are listed in Appendix E.

During the evaluation of the QC data, consideration was also given to the following:

- Unique parameters (ie. parameters selected for only one site) were investigated for linkage to chemicals used at the site.

- Parameters which are selected for a limited number of sites were investigated for linkages to use of the same laboratory and for use of chemicals on-site.

QC data for each of the selected parameters is discussed in Appendix A.

4.0 Conclusions:

Based on the evaluation of the QC data, the parameters listed in table 3 have monitoring data which are questionable and should be considered for removal from the list of parameters and for possible further monitoring.

TABLE 3

Parameters with Data of Questionable Quality Based on Evaluation of QA/QC Data

Parameter	Company
Oil & Grease	5 - Noranda, Geco Division
Zinc	57 - Cameco, Refinery, Port Hope, SR 0100, SR 0200
	2 - INCO, Crean Hill Mine
	12 - Falconbridge, Kidd Creek Mine
Nickel	24 - Teck - Coronna, David Bell Mine
Phenolics	6 - Falconbridge, Kidd Creek Mine
Hexachloroethane	1 - INCO, Coper Cliff T.P.
	2 - INCO, Crean Hill Mine
	4 - INCO, Garson Mine
	7 - INCO, Levack Mine
	10 - INCO, Refinery, Sudbury
	11 - INCO, Nolin Creek T.P.
	13 - INCO, Refinery, Port Colborne
	14 - INCO, Shebandowan Mine
	16 - INCO, Whistle Mine
Chloroform	8 - Falconbridge, Lockerby
Trichlorofluoromethane	30 - Hemlo Gold Mines, Golden Giant

Note: "Less-than" Remark Codes are <, <DL, <W, <WE, <T

Based on remark codes associated with the monitoring data, tables 4 and 5 list those parameters and streams which should be considered for removal from the list of parameters selected for limit-setting. Parameters for these streams may require further monitoring.

TABLE 4

Parameters Selected because of Data Reported >RMDL but <1.6RMDL with a "Less-than" Remark Code

Parameter	Company
1,1-Dichloroethane	1 - INCO, Copper Cliff T.P.
	2 - INCO, Crean Hill Mine
	4 - INCO, Garson Mine
	7 - INCO, Refinery, Sudbury
	10 - INCO, Nolin Creek T.P.
	11 - INCO, Whistle Mine
Oil & Grease	1 - INCO, Copper Cliff T.P.
	2 - INCO, Crean Hill Mine
	4 - INCO, Garson Mine
	7 - INCO, Levack Mine
	10 - INCO Refinery, Sudbury
	11 - INCO, Nolin Creek T.P.
	13 - INCO, Refinery, Port Colborne
	14 - INCO Shebandowan Mine
	16 - INCO Whistle Mine
Phenolics (4AAP)	4 - INCO, Garson Mine
	16 - INCO, Whistle Mine
Thallium	27 - Placer Dome, Dona Lake Mine

Note: "Less-than" Remark Codes are <, <DL, <W, <WE, <T

TABLE 5

Parameters Selected Because of Data Reported Above 1.6RMDL with a "Less-than" Remark Code

Parameter	Company
1,2,3,4-Tetrachlorobenzene	56 - Cameco, Refinery, Blind River
1,2,3,4-Tetrachlorobenzene	56 - Cameco, Refinery, Blind River
1,2,3-Tetrachlorobenzene	56 - Cameco, Refinery, Blind River
1,2,4,5-Tetrachlorobenzene	56 - Cameco, Refinery, Blind River
1,2,4-Trichlorotoluene	56 - Cameco, Refinery, Blind River
2,4,5-Trichlorotoluene	56 - Cameco, Refinery, Blind River
Hexachlorobenzene	56 - Cameco, Refinery, Blind River
Hexachlorobutadiene	56 - Cameco, Refinery, Blind River
Hexachlorocyclopentadiene	56 - Cameco, Refinery, Blind River
Hexachloroethane	56 - Cameco, Refinery, Blind River
Octachlorostyrene	56 - Cameco, Refinery, Blind River
Pentachlorobenzene	56 - Cameco, Refinery, Blind River
Antimony	27 - Placer Dome, Dona Lake Mine
Cadmium	53 - Rio Algom, Panel
	54 - Rio Algom, Pronto
	55 - Rio Algom, Quirke
	58 - Rio Algom, Stanleigh
	5 - Noranda Minerals, Geco Division
Vanadium	37 - Bond Gold, Muskegsagagen Lake
Cyanide (WAD)	6 - Falconbridge, Kidd Creek Mine
	9 - Falconbridge, Metallurgical
Thiocyanates, Filtered	1 - INCO, Copper Cliff T. P.
	2 - INCO, Crean Hill Mine
	4 - INCO, Garson Mine
	7 - INCO, Levack Mine
	10 - INCO, Refinery, Sudbury
	11 - INCO, Nolin Creek T.P.
	13 - INCO, Refinery, Port Colborne
	14 - INCO, Shebandowan Mine
	16 - INCO, Whistle Mine

Note: "Less-than" Remark Codes are <, <DL, <W, <WE, <T

Table 6 provides the final list of parameters to be further considered in the limit setting process. The number of streams for each parameter which have acceptable data is also listed.

TABLE 6

Number of Streams Selected by Parameter
With Acceptable Data Quality
MISA METAL MINING SECTOR
12 – Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	PARAMETER	NUMBER OF STREAMS SELECTED
01	COD	43
02	Cyanide Total	27
06	Total phosphorus	12
08	Total suspended solids	40
09	Aluminum	35
	Cadmium	6
	Chromium	1
	Cobalt	19
	Copper	39
	Lead	10
	Molybdenum	7
	Nickel	34
	Zinc	38
10	Antimony	4
	Arsenic	13
	Selenium	5
12	Mercury	7
14	Phenolics (4AAP)	25
	Carbon tetrachloride	1
	Chloroform	2
	Methylene chloride	1
17	Benzene	2
	Toluene	2
	m–Xylene and p–Xylene	1
	o–Xylene	1
19	2–Methylnaphthalene	1
	Naphthalene	1
20	m–Cresol	1
	p–Cresol	1
25	Oil and grease	34
4a	Ammonia plus Ammonium	50
	Total Kjeldahl Nitrogen	48
4b	Nitrate+Nitrite	45
5b	TOC, Total Organic Carbon	17
M1	Chlorides	40
M2	Cyanates, Filtered	2
M3	Dissolved Solids	50
M4	Sulphates	43
M5	Iron	50
M6	Thiocyanates, Filtered	3
M7	Uranium	11
M8	Cyanide (WAD)	16

BIBLIOGRAPHY

1. Environment Ontario
   The Development Document for the Effluent Monitoring Regulation for the Ontario Mineral Industry Sector: Group A
   September, 1989.

2. Environment Ontario
   Effluent Monitoring - General
   Ontario Regulation 695/88 as amended to Ontario Regulation 533/89 under the Environmental Protection Act

3. Environment Ontario
   MISA Issues Resolution Process - Issue Resolution Committee Reports. June, 1990.

APPENDIX A

Results of QA/QC Evaluation for Selected Parameters

Results of QA/QC Assessment for Selected Parameters

Dissolved Solids RMDL = 20.0 mg/L
(Selected in 50 streams)
Average monitoring concentration ratios over the 50 selected streams range from 7.30 to 212.2 times the RMDL. Travelling blank data are available for 44 of these streams.
The highest average travelling blank concentration ratio of these streams is 1.10 RMDL. The maximum ratio is 2.30 RMDL. The travelling blank levels are not significant compared to the level of monitoring concentrations.

Conclusion: Data are acceptable.

Iron RMDL = 0.02 mg/L
(Selected in 50 streams)
Average concentration ratios range from 2.3 to 293.7 times the RMDL over the 50 selected streams. Travelling blank data are available for 38 of these streams.

The highest average travelling blank concentrations are for Falconbridge, Onaping; however, only 2 travelling blanks results were reported (concentration ratios = 1.00 & 6.75) which provides insufficient information to assess the data. Falconbridge, Onaping also has the lowest monitoring sample concentrations of the 50 streams. The Onaping sample with the highest travelling blank concentration (ratio = 6.75) was reported on the same day as the highest monitoring concentration (ratio = 9.65); therefore, this result may be overestimated.

Canamax, Marhill Mine has the second highest travelling blank ratios but they are not significant compared to the monitoring concentrations.

Samples from three other Falconbridge sites (Lockerby, Strathcona, Kidd Creek) also show some travelling blank contamination but at levels always significantly less than monitoring samples. Lockerby and Strathcona each reported only 2 travelling blanks. Kidd Creek reported 4.

Travelling blanks from other streams are not significant compared to the level of monitoring concentrations.

Conclusion: Data are acceptable.

Ammonia plus Ammonium RMDL = 0.25 mg/L
(Selected in 50 streams)
Average concentration ratios range from 0.71 to 219.5 times the RMDL over the streams selected. Travelling blank data are available for 42 of these streams.
Ammonia + Ammonium was not detected in more than 1 travelling blank at any stream. The highest travelling blank concentration (6.80 RMDL) at INCO, Nolin Creek is equal to the monitoring sample concentration on the same day; however the concentration ratios for the other 3 travelling blanks equal 0.44. The levels detected in travelling blanks from other streams are not significant compared to monitoring levels.

Conclusion: Data are acceptable.

Total Kjeldahl Nitrogen RMDL = 0.5 mg/L
(Selected in 48 streams)
Average concentration ratios range from 1.13 to 100.1 times the RMDL over the 48 streams. Travelling blank data are available for 42 of these streams.

Kjeldahl nitrogen was not detected in more than 1 travelling blank from any stream. The highest travelling blank concentration ratio occurs at Minnova, Winston; however only 2 results were reported (ratios: 0.20 and 3.16 RMDL). The average monitoring concentration ratio is 5.83 RMDL.

Conclusion: Data are acceptable.

Nitrate + Nitrite RMDL = 0.25 mg/L
(Selected in 45 streams)
Average concentration ratios range from 1.38 to 384.0 RMDL over the 45 streams. Travelling blank data are available for 41 streams.

Nitrate and Nitrite was detected above the RMDL (1.6 RMDL) in only one travelling blank sample over the 41 streams. This travelling blank is reported for Rio Algom, Pronto on 90/03/27; however, no monitoring sample is reported on that day.

Conclusion: Data are acceptable.

COD (Chemical Oxygen Demand) RMDL = 10.0 mg/L
(Selected in 43 streams)
Average concentration ratios range from 1.03 to 18.71 times the RMDL. Reporting of QC data for COD was not a requirement of the monitoring regulation; however, travelling blank data are available for 14 of the selected streams.
COD was detected in only 2 travelling blanks and at very low level (maximum 1.5 RMDL).

Conclusion: Data are acceptable.

Oil and Grease RMDL = 1.0 mg/L
(Selected in 44 streams)
The average concentration ratios for monitoring samples range from 1.14 to 29.45 times the RMDL. Travelling blank data are available for 37 streams.

INCO:
Oil and Grease was selected at 9 INCO sites because the RMDL was not met for all samples analyzed from 90/02/02 to approximately 90/11/05 (approximately 75% of the data). The INCO laboratory detection limit during this period was 1.10 mg/L (method HE250A). Since results reported by INCO with the < DL code are within 1.6 times the RMDL, these data can be accepted as evidence for the absence of oil and grease.
The maximum oil and grease concentration ratio for an INCO stream is 1.70 RMDL at Levack Mine; however, this is the only true positive from this effluent. The greatest number of true positives at an INCO property occurred at Whistle Mine (3 true positives out of 89 samples).
Oil and Grease was not detected in any travelling blanks from INCO streams.
Conclusion: INCO streams can be removed from the list of those selected for oil and grease.

5 - Noranda Minerals, Geco Division:
142 monitoring samples were reported for oil and grease with a detection frequency of 42%, an average concentration ratio of 1.38 RMDL and a maximum ratio of 4.60 RMDL . The results for the 3 travelling blanks reported are given below along with the monitoring sample on the same day.

Date	Monitoring	Travelling Blank	Units
90/03/22	1.00	1.00	mg/L
90/06/20	3.00	3.00	mg/L
90/11/14	4.00	7.60	mg/L

Conclusion: Travelling blanks for Noranda indicate that overestimation of monitoring results is possible.

Other Streams:
Oil and grease was detected in only one other travelling blank sample (Falconbridge, Kidd Creek) over the 44 streams.

Conclusion: All INCO streams should be removed from the list selected for oil and grease. Data for oil and grease from Noranda, Geco are questionable due to some risk for overestimation. All other data are acceptable.

Sulphates RMDL = 5.0 mg/L
(Selected in 43 streams)
Average concentration ratios over the selected streams range from 3.43 to 531.3 times the RMDL. Travelling blank data are available for all selected streams.
Sulphates were not detected in travelling blanks from any of the streams.

Conclusion: Data are acceptable.

Total Suspended Solids RMDL = 5.0 mg/L
(Selected in 40 streams)

Reporting of QC data for total suspended solids was not a requirement of the monitoring regulation; however, some companies did report a limited amount of QC. Suspended solids were not detected in any of the travelling blanks reported.

Conclusion: Data are acceptable.

Chlorides RMDL = 2.0 mg/L
(Selected in 40 streams)
Average concentration ratios range from 2.25 to 11,167 times the RMDL over the 40 selected streams. Travelling blank data are available for all selected streams.

Chlorides were detected in travelling blanks only at Cameco Refinery, Blind River but at very low levels (maximum = 1.25 RMDL), not significant compared to the level of the monitoring samples.

Conclusion: Data are acceptable.

Zinc RMDL = 0.01 mg/L

(Selected in 42 streams)

Average concentration ratios for zinc range from 0.80 to 167.1 times the RMDL over the 42 selected streams. Travelling blank data are available for 35 of these streams.

57 - Cameco Refinery, Port Hope, SR 0100

9 monitoring samples were reported with a detection frequency of 44%, an average concentration ratio of 1.20 RMDL and a maximum ratio of 3.20 RMDL. The detection frequency in travelling blanks was 50%. The maximum travelling blank concentration ratio is 2.70, the average is 1.60 RMDL. Travelling blank concentrations and monitoring samples taken on the same day are given below.

Date	Monitoring	Travelling Blank	Unit
90/03/20	0.005	0.004 <DL	mg/L
90/06/19	0.016	0.008	mg/L
90/10/30	0.007	0.027	mg/L
90/10/22	0.008	0.024	mg/L

57 - Cameco Refinery, Port Hope, SR 0200

9 monitoring samples were reported with a detection frequency of 44%, an average concentration ratio of 1.00 RMDL and a maximum ratio of 1.90 RMDL.
Zinc was detected in 1 travelling blank out of 4 at a level of 3.3 RMDL.

Conclusion: The available travelling blank data for the 2 Cameco streams indicate possible overestimates for some results.

2 - INCO, Crean Hill Mine, MW 0100

157 monitoring samples were reported.
10 out of 11 consecutive results reported between 90/06/07 and 90/06/29 are entered as 6.00 mg/L with the <DL code. The lab MDL for zinc is 0.006 mg/L. It is likely that these results are entered in ug/L rather than mg/L. Reporting these questionable entries as 0.006 mg/L gives 22 samples detected, a maximum monitoring concentration ratio of 4.60 RMDL, an average ratio of 0.78 RMDL and a frequency of detection of 14%. If the questionable entries are omitted then 22 detected samples out of 147 will select zinc in this stream. If the entries in question are reported as 0.006 mg/L then zinc would not be selected for this stream. Travelling blank data show zinc detected (1.40 RMDL) in 1 sample out of 4.
Conclusion: Selection depends on interpretation of questionable entries. Overestimates are also possible.

12 - Falconbridge, Onaping

154 monitoring samples were reported with a 26% frequency of detection. The average monitoring concentration ratio (3.30 RMDL) is influenced largely by 1 high result (221 RMDL). Removing this result produces an average ratio of 1.88 RMDL and a maximum of 23.3 RMDL. Zinc was detected in 2 of the 3 travelling blanks reported at concentration ratios of 6.0 and 1.7 times the RMDL.
Conclusion: Erratic travelling blanks; overestimates are possible.

25 - Placer Dome, Detour Lake

157 monitoring samples were reported with a detection frequency of 23%, an average concentration ratio of 1.20 RMDL and a maximum ratio of 8.0 RMDL. Zinc was detected (2.0 RMDL) in 1 of 4 travelling blanks reported.
Conclusion: Data are acceptable.

Other streams:
Zinc was detected in travelling blanks at 5 other streams but the levels in travelling blanks are not significant compared to the levels found in monitoring samples.

Conclusion: Zinc data for Cameco Port Hope, INCO Crean Hill and Falconbridge, Onaping are questionable. All other data for zinc are acceptable.

Copper RMDL = 0.01 mg/L
(Selected in 39 streams)
Average concentration ratios range from 0.90 to 49.4 over the 39 streams. Travelling blank data are available for 31 of these streams.

2 - INCO Crean Hill
157 monitoring samples were reported with a detection frequency of 21%, an average concentration ratio of 0.90 RMDL and a maximum ratio of 12.40 RMDL.
Copper was detected (1.80 RMDL) in 1 out of 4 travelling blanks reported.
Conclusion: Data are acceptable.

Other Streams:
Copper was detected in 1 travelling blank sample at 4 other streams however at levels not significant compared to the monitoring levels.

Conclusion: All copper data are acceptable.

Nickel RMDL = 0.02 mg/L
(Selected in 36 streams)
Average concentration ratios range from 0.70 to 136.20 times the RMDL. Travelling blank data are available for 30 streams.

24 - Teck-Corona, David Bell Mine
110 monitoring samples were reported with a detection frequency of 92%. The average concentration ratio is 1.95 RMDL, the maximum is 4.75 RMDL. 4 travelling blanks were reported. Nickel was detected in 2, both at 2.0 RMDL. The average travelling blanks ratio is 1.50 RMDL.
Conclusion: Insufficient information. Some monitoring samples may be overestimated.

5 - Noranda Minerals, Geco Division
142 monitoring samples were reported with a detection frequency of 15%, an average concentration ratio of 0.80 RMDL and a maximum ratio of 3.00 RMDL. 8 monitoring results were reported as 0.04 mg/L with the <DL remark code. The RMDL is 0.02 mg/L. There are 12 true positives for this stream. Nickel was not detected in travelling blanks.
Conclusion: Selection of nickel for this stream depends on interpretation of entries at 2 RMDL with the <DL code.

Other Streams:
Nickel was detected in some travelling blanks from three other streams but at levels which are not significant compared to the monitoring concentrations.

Conclusion: Selection of nickel at Noranda Geco depends on treatment of results greater than RMDL entered with a <DL code. Data for Teck - Corona, David Bell Mine are questionable. All other data are acceptable.

Aluminum RMDL = 0.03 mg/L

(Selected in 35 streams)
Average concentration ratios range from 1.17 to 115.33 times the RMDL over the 35 selected streams. Travelling blank data are available all selected streams.

6 - Falconbridge, Kidd Creek Mine
4 monitoring samples were reported with a detection frequency of 100%, an average concentration ratio of 3.93 RMDL and a maximum ratio of 7.87 RMDL. Aluminum was detected in all travelling blanks (4) with an average concentration ratio of 1.77 RMDL and a maximum of 2.37 RMDL. Monitoring samples on the same day as travelling blanks are given below. Travelling blank concentrations are less than monitoring concentrations in all cases.

Date	Monitoring	Travelling Blank	Unit
90/02/22	.044	.041	mg/L
90/06/07	.069	.039	mg/L
90/09/13	.122	.059	mg/L
90/11/07	.236	.071	mg/L

Conclusion: Monitoring results are possible overestimates; however, data are acceptable for presence of Aluminum.

Other Streams:
Aluminum was detected in travelling blanks from 5 other streams but at levels not significant compared to the levels of monitoring samples.

Conclusion: Data are acceptable.

Cyanide Total RMDL = 0.005 mg/L

(Selected in 27 streams)
Average concentration ratios range from 1.20 to 574.6 times the RMDL over the selected streams. Travelling blank data are available for 21 streams.

Cyanide was detected in only 1 travelling blank sample over the 27 streams and at a level not significant compared to the level of monitoring samples.

Conclusion: Data are acceptable.

Phenolics (4AAP) RMDL = 2.0 ug/L

(Selected in 28 streams)
Average concentration ratios over the selected streams range from 0.67 to 61.9 times the RMDL. Travelling blank data are available for 26 streams.

INCO
Phenolics (4AAP) were selected in 9 INCO streams. The average monitoring concentration ratios range from 1.17 to 12.0 times the RMDL over the 9 streams. For each INCO stream selected, 1 - 3 samples were reported at 3.00 ug/L (ie. 1.5 RMDL) with a < DL remark code (method HE140A). Since these results are within 1.6 times the RMDL they will be accepted as evidence for the absence of phenolics. Treating this data as not detected will result in excluding 2 INCO streams from those selected for phenolics (4AAP). They are:
a) INCO, Garson Mine: 3 true positives out of 12 samples.
b) INCO, Whistle Mine: 2 true positives out of 8 samples.

These 2 streams have the lowest average monitoring concentration ratios out of the 9 INCO streams selected (ie. 1.54 and 1.17 RMDL).
For each of the 9 INCO streams 1 - 2 travelling blanks were also reported at 1.5 times the RMDL with the <DL code. There are no true positives in any of the travelling blanks from INCO streams.
Conclusion: INCO, Garson Mine and INCO, Whistle Mine are candidates for removal from the streams selected for Phenolics (4AAP). Data for other INCO streams are acceptable.

19 - Dickenson, Arthur W. White Mine
Phenolics (4AAP) were detected in 2 out 4 travelling blanks but at levels not significant compared to the monitoring concentrations.

6 - Falconbridge, Kidd Creek Mine
11 monitoring samples were reported with a detection frequency of 73%, an average concentration ratio of 3.45 RMDL, a maximum ratio of 9.00 RMDL. The average concentration ratio for travelling blanks is 3.75 RMDL (4 samples). Results for monitoring samples on the same day as travelling blanks are given below.

Date	Monitoring	Travelling Blank	Unit
90/02/22	11.00	23.00	ug/L
90/06/07	7.00	2.00	ug/L
90/09/13	6.00	2.00 <DL	ug/L
90/11/17	2.00	3.00	ug/L

method = MN829A

Conclusion: Data are questionable. Some results may be overestimated.

9 - Falconbridge Metallurgical
12 monitoring samples were reported with a detection frequency of 83%, an average concentration ratio of 2.25 RMDL, a maximum ratio of 3.50 RMDL.
The average concentration ratio for travelling blanks is 1.75 RMDL (4 samples).
Results for monitoring samples on the same day as travelling blanks are given below.

Date	Monitoring	Travelling Blank	Unit
90/02/21	7.00	5.00	ug/L
90/06/0	6.00	5.00	ug/L
90/09/12	5.00	2.00 <DL	ug/L
90/11/06	4.00	2.00	ug/L

method = MN829A

Conclusion: Results may be overestimated. Data are acceptable for presence of phenolics.

15 - Falconbridge, Strathcona
11 monitoring samples were reported, the frequency of detection is 82%, the average concentration ratio is 4.50, the maximum ratio is 9.75 RMDL. The average concentration ratio for travelling blanks is 1.75 RMDL (3 samples). Results for monitoring samples on the same day as travelling blanks are given below.

Date	Monitoring	Travelling Blank	Unit
90/05/01	10.00	4.00	ug/L
90/08/21	3.50	4.50	ug/L
90/11/20	9.00	2.00 <DL	ug/L

method = KR201B

Conclusion: Data are acceptable for presence of phenolics.

Other Streams
Phenolics (4AAP) were also detected in travelling blanks from Falconbridge, Lockerby and Falconbridge, Onaping but at levels not significant compared to the level of monitoring samples. Phenolics (4AAP) were not detected in travelling blanks from any other streams.

Conclusion: INCO Whistle and Garson Mine can be removed from the streams selected for Phenolics (4AAP). Data from Falconbridge, Kidd Creek Mine are questionable. All other data are acceptable for the presence of Phenolics (4AAP).

Cobalt RMDL = 0.02 mg/L
(Selected in 19 streams)
The average concentration ratio ranged from 1.00 to 7.55 times the RMDL over the 19 streams. Travelling blank data are available for 16 streams.
Cobalt was not detected above the RMDL in any travelling blanks samples.
Conclusion: Data are acceptable.

Total Organic Carbon RMDL = 5.0 mg/L
(Selected in 17 streams)
The average concentration ratio ranged from 0.83 to 8.35 times the RMDL. Travelling blank data are available for 17 streams.
TOC was detected in only 1 travelling blank sample at a level equal to the RMDL.
Conclusion: Data are acceptable.

Cyanide (WAD) RMDL = 0.005 mg/L
(Selected in 18 streams)
The average concentration ratio ranged from 0.80 to 432.8 times the RMDL. Travelling blank data are available for 12 streams.

Falconbridge
Selected at Falconbridge Kidd Creek Mine and Metallurgical Site because the RMDL was not met. All monitoring and travelling blank data from these two properties are reported as 0.02 mg/L (4.0 RMDL) with the <DL code.

42 - Renabie gold Mines
All travelling blank data are reported as 0.02 mg/L (4.0 RMDL) with the <DL code; however, the travelling blanks are not significant compared to the level of monitoring data (average concentration ratio = 432.8 RMDL).

Other Streams:
Free cyanide was not detected in any other travelling blanks reported.

Conclusion: Data from Falconbridge, Kidd Creek Mine and Falconbridge Metallurgical Site did not meet the RMDL; therefore, these data are unacceptable for the presence or absence of free cyanide. All other free cyanide data are acceptable.

Arsenic RMDL = 0.005 mg/L
(Selected in 13 streams)
The average concentration ratio ranged from 1.00 to 220.20 times the RMDL over the 13 streams. Travelling blank data are available for 10 streams.
Arsenic was not detected in any travelling blanks.

Conclusion: Data are acceptable.

Phosphorus RMDL = 0.1 mg/L
(Selected in 12 streams)
The average concentration ratio ranged from 0.80 to 7.20 times the RMDL over the 12 streams. Travelling blank data are available for 9 streams.

Phosphorus was detected in only 1 travelling blank sample at 1.8 RMDL over the data from all streams.

Conclusion: Data are acceptable.

Thiocyanates, Filtered RMDL = 5.0 mg/L
(Selected in 12 streams)
The average concentration ratio ranged from 0.87 to 5.20 times the RMDL over the 12 streams. Travelling blank data are available for 11 streams.

INCO
Thiocyanates were selected in 9 INCO streams. 33 monitoring results were reported by INCO for these 9 streams. Thiocyanates were selected in all of these streams because the RMDL was not met. 31 of INCO samples are reported as 10.00 mg/L with the < DL remark code by method HE360A (2 samples by method ZE040A are reported as 1.40 mg/L)
Conclusion: INCO data for thiocyanates are unacceptable.

Other streams
Thiocyanates were selected in 3 other streams. All travelling blanks from these streams are less than the RMDL.

Conclusion: Data from INCO do not verify the absence or presence of thiocyanates. Data for other streams are acceptable.

Uranium RMDL = 0.02 mg/L
(Selected in 11 streams)
The average concentration ratio ranged from 1.10 to 7.35 times the RMDL over the 11 streams. Travelling blanks are available for 9 streams.
Uranium was not detected in any travelling blanks over the 11 streams.

Conclusion: Data are acceptable.

Lead RMDL = 0.03 mg/L

(Selected in 10 streams)
The average concentration ratio ranged from 0.73 to 1.50 times the RMDL over the 10 streams. Travelling blank data are available for 9 streams.
Lead was not detected in travelling blanks from any of the selected streams.

Conclusion: Data are acceptable.

Cadmium RMDL = 0.002 mg/L

(Selected in 10 streams)
Average concentration ratios range from 1.00 to 8.00 times the RMDL over the 10 selected streams. Travelling blank data are available for 9 of these streams.

9 - Falconbridge, Metallurgical
12 monitoring samples were reported with a detection frequency of 100%, an average concentration ratio of 8.0 RMDL, a maximum of 32.0 RMDL. There were 8 true positives. Four monitoring samples were reported as 0.003 mg/L (1.5 RMDL) with the <DL code (method MN821B). All travelling blank data was reported with the <DL code, three results at 0.003 mg/L (1.5 RMDL) and one at 0.002 mg/L.
Conclusion: Data are acceptable.

6 - Falconbridge, Kidd Creek Mine
12 monitoring samples were reported with a detection frequency of 83%, an average concentration ratio of 4.0 RMDL, a maximum ratio of 24.5 RMDL. Four consecutive samples were reported as 0.003 mg/L (1.5 RMDL) with the <DL code (method MN821B). There were 6 true positives. All travelling blank data was reported with the <DL code, three results at 0.003 mg/L and one at 0.002 mg/L.
Conclusion: Data are acceptable.

53 - Rio Algom, Panel
12 monitoring samples were reported with a detection frequency of 42%, an average concentration ratio of 4.50 RMDL, a maximum of 10.0 RMDL. The RMDL was not met for the first five samples of the monitoring period which were reported as 0.02 mg/L (10 RMDL) with the <DL remark code (method UQ018A). All further samples (7) were reported as 0.001 mg/L (.5 RMDL, method ZE001A). Cadmium was not detected in any of 4 travelling blanks. All are reported as 0.001 mg/L (0.5 RMDL) with the <DL remark code (method ZE001A).
Conclusion: Data should be accepted for the absence of cadmium.

54 - Rio Algom, Pronto
3 monitoring samples were reported. The first two results in the monitoring period did not meet the RMDL and were reported as 0.02 mg/L (10 RMDL) with the <DL remark code (method UQ018A). The final result was reported as 0.001 mg/L <DL (method ZE001A). All travelling blanks (3) were reported as 0.001 mg/L (0.5 RMDL) with the <DL remark code (method ZE001A).
Conclusion: The RMDL was not met. Data are unacceptable.

55 - Rio Algom, Quirke
12 monitoring samples were reported with a detection frequency of 42%, an average concentration ratio of 4.50 RMDL and a maximum ratio of 10.0 RMDL. The first 5 samples for the monitoring period did not meet the RMDL and were reported as 0.02 mg/L (10 RMDL) with the <DL remark code. All further samples (7) were reported as 0.001 mg/L (method ZE001A).

Cadmium was not detected in any of 4 travelling blanks. All were reported as 0.001 mg/L (0.5 RMDL) with the <DL remark code (method ZE001A).
Conclusion: Data should be accepted for the absence of cadmium.

58 - Rio Algom, Stanleigh
12 monitoring samples were reported with a detection frequency of 42%, an average concentration ratio of 4.5 RMDL, a maximum of 10.0 RMDL. The first 5 samples for the monitoring period were reported as 0.02 mg/L (10 RMDL) with the <DL remark code. All further samples (7) are reported as 0.001 mg/L (method ZE001A). Cadmium was not detected in any of 4 travelling blanks. All are reported as 0.001 mg/L (0.5 RMDL) with the <DL remark code (method ZE001A).
Conclusion: Data should be accepted for the absence of cadmium.

Other Streams: Cadmium was not detected in travelling blanks from other selected streams.

Conclusion: Rio Algom (Quirke, Panel and Stanleigh) should be removed from the list of streams selected for cadmium. Data from Rio Algom, Pronto are unacceptable. All other data are acceptable.

Hexachloroethane RMDL = 0.01 ug/L
(Selected in 10 streams)
Average concentration ratios range from 3.80 to 434.30 times the RMDL over the 10 streams.
Nine of these streams are from Inco properties; the 10th stream is from Cameco, Blind River.

INCO
The average concentration ratios for the INCO properties range from 1.6 to 7.7 X RMDL. Pooling all of the INCO data gives an average concentration ratio of 4.6 RMDL (34 monitoring samples). The average concentration ratio for travelling blanks over the 9 INCO sites is 2.3 RMDL; 49% of the INCO monitoring ratio.
Maximum recoveries for travelling spiked blanks ranged from 124 to 335% for the INCO streams. The average recovery of travelling spiked blanks for all INCO data is 153%. The quantity spiked was identical for all samples (3.7 X RMDL). Laboratory blank corrections were not applied.
Conclusion: Due to over recovery of travelling spiked blanks and high levels in travelling blanks the presence of hexachloroethane in effluents cannot be verified from the field QC data. Since hexachloroethane was detected at all INCO sites and all have the same method code (HE203A) a laboratory problem is possible.

Cameco, Blind River
All monitoring data for Cameco, Blind River are qualified by the < remark code (method = ZE535A). Hexachloroethane was not detected in any travelling blanks. Travelling spiked blank recoveries ranged 73 - 120%. No corrections were applied for laboratory blanks.
Conclusion: All monitoring data are qualified by a < code; therefore, these data cannot be used as evidence for presence or absence of hexachloroethane.

Conclusion: The presence of hexachloroethane cannot be confirmed in any of the selected streams. Possible laboratory difficulties at both INCO and Cameco (Zenon) should be investigated.

1,1 - Dichloroethane RMDL = 0.8 ug/L
(Selected in 7 streams)
The average concentration ratios range from 1.00 to 1.53 times the RMDL over the 7 streams. All of these are INCO streams.

INCO
1,1 - Dichloroethane was selected in all streams because the RMDL was not met. Except for one sample (concentration ratio = 2.75 RMDL) at the INCO Copper Cliff Treatment Plant all monitoring data is qualified by the <DL remark code. The INCO lab detection limit is reported as 0.90 ug/L (1.12 X RMDL). 1,1 - Dichloroethane was detected in only one travelling blank sample (1.62 RMDL); all other travelling blank results are qualified by the <DL remark code.

Recoveries for travelling spiked blanks ranged from 95 to 131 % over the 7 streams.

Laboratory blank corrections were not applied.

Conclusion: Since INCO's method detection limit is less than 1.6 X RMDL and travelling spike recoveries are acceptable the data should be accepted for the absence of 1,1 - Dichloroethane at levels significant compared to the RMDL. 1,1 - Dichloroethane should be removed from the list of selected parameters.

Molybdenum RMDL = 0.02 mg/L
(Selected in 7 streams)
The average concentration ratio ranged from 1.50 to 28.50 over the selected streams.

24 - Teck-Corona, David Bell Mine
4 monitoring samples were reported with a detection frequency 100%, a minimum concentration ratio of 4.0 RMDL, a maximum of 12.0 RMDL. Molybdenum was detected in one travelling blank out of 4 and at high level (50.0 RMDL).
Conclusion: Infrequent contamination of travelling blank. Data should be accepted for presence of molybdenum.

Other streams
Molybdenum was not detected in travelling blanks from any of the other streams.

Conclusion: Data are acceptable.

Mercury RMDL = 0.0001 mg/L
(Selected in 7 streams)
Average concentration ratios range from 1.21 to 27.80 times the RMDL. Travelling blank data are available for 5 of these streams.

42 - Renabie Gold Mines
8 monitoring samples were reported with a detection frequency of 100%, an average concentration ratio of 4.41 RMDL, maximum of 20.0 RMDL. The RMDL was not met for 3 monitoring results reported at 2 RMDL with the <DL remark code; therefore, there are actually 5 true positives. All travelling blanks (3) are reported at 2 RMDL with the <DL remark code. Conclusion: Data are acceptable.

27 - Placer Dome, Dona Lake Mine
5 monitoring samples were reported with a detection frequency of 80%. The average concentration ratio is 3.0 RMDL, the maximum ratio is 4.0 RMDL. Only one travelling blank was reported (concentration ratio = 2.0 RMDL).
Conclusion: Insufficient travelling blank information; therefore, data must be accepted as reliable.

Other Streams
Mercury was not detected in any travelling blanks from other streams.

Conclusion: Data are acceptable.

Antimony RMDL = 0.005 mg/L
(Selected in 5 streams)
The average concentration ratios range from 1.80 to 115.20 times the RMDL.

27 - Placer Dome, Dona Lake Mine
Antimony was selected in this stream because the RMDL was not met.
All monitoring and travelling blank results were reported as 0.009 mg/L with the <DL code. The lab MDL was not within 1.6 times the RMDL; therefore, neither the presence or absence of antimony can be confirmed.
Conclusion: The data are unacceptable.

Other Streams: Antimony was not detected in any travelling blanks from other streams.

Conclusion: Antimony data from Placer Dome, Dona Lake Mine are unacceptable. All other data are acceptable.

Selenium RMDL = 0.005 mg/L
(Selected in 5 streams)
The average concentration ratio ranged from 1.60 to 34.40 times the RMDL over the 5 streams. Travelling blank data are available for all 5 streams.

Selenium was not detected in any travelling blanks.

Conclusion: Data are acceptable.

Chloroform RMDL = 0.7 ug/L
(Selected in 3 streams)
The average concentration ratios range from 1.86 to 26.43 times the RMDL over the 3 streams.

56 - Cameco Refinery, Blind River
Four monitoring samples for chloroform were reported. 2 high level results (44.3 & 54.3 RMDL) are qualified by the < remark code. Chloroform was detected in the other 2 monitoring samples at 2.86 and 4.29 RMDL.
Chloroform was not detected in travelling blanks and recoveries from 4 travelling spiked blanks are excellent (range: 95 - 100%).
Laboratory blank corrections were applied and are acceptable.
Conclusion: Two data points with the < code must be excluded; however, the other 2 samples are reliable for the presence of chloroform. Data are acceptable.

10 - INCO Refinery, Sudbury
Chloroform was detected in 3 out of four monitoring samples at levels of 3.0, 3.0 and 1.29 times the RMDL; not detected in any of 4 travelling blanks and recoveries from travelling spiked blanks were excellent (range: 90 - 100%). Laboratory corrections were not applied.
Conclusion: Data are acceptable.

8 - Falconbridge, Lockerby
4 monitoring samples for chloroform were reported; one sample (16.1 RMDL) was qualified by the UQC remark code and therefore excluded. Chloroform was detected in 2 of the other three samples at 2.57 and 2.0 X RMDL. 4 travelling blanks were reported. One travelling blank was excluded due to the UQC remark code; chloroform was detected in 1 of the other three travelling blanks at a level of 3.43 X RMDL. Travelling spike blank recoveries are 97.5, 98.5 and 158.94 for the three results reported. The sample with 158.94% recovery occurs on the same day as other monitoring and travelling blank samples were qualified by the UQC remark code. One large laboratory correction of travelling spiked blanks (10.54 RMDL) was also reported on this day. Lab corrections were not applied to other results.
Conclusion: The data are questionable.

Conclusion: Data for Falconbrige, Lockerby are questionable. All other data are acceptable.

Benzene RMDL = 0.5 ug/L
(Selected in 2 streams)

35 - Canamax, Marhill Mine
Benzene was detected in 3 of 4 monitoring samples at 3.76, 7.20 and 8.8 RMDL and detected in 1 of three travelling blanks samples at 37.4 RMDL. Three results for travelling spiked blanks were reported with recoveries of 17.7, 166.7 and 58.7%. The contaminated travelling blank was analyzed on the same day as the travelling spike with over-recovery. QC samples on the other two days are acceptable. Laboratory corrections are acceptable for all monitoring samples, travelling blanks and travelling spiked blanks.
Conclusion: Data are acceptable for the presence of benzene.

56 - Cameco Refinery, Blind River
Four monitoring samples for benzene were reported; 1 high level result (48.0 RMDL) was qualified by the < remark code.
Benzene was detected at high levels (440.0 and 16.0 RMDL) in 2 of the other three samples. Laboratory blank corrections were significant but less than the monitoring concentrations for both of the high level results. The maximum travelling blank concentration ratio is 0.40 RMDL; however, laboratory corrections were significant for 2 travelling blanks (average difference ratio = 2.98 RMDL). Recoveries from travelling spiked blanks were excellent (range: 85.0 -105.0%).
Laboratory corrections of travelling spiked blanks were acceptable compared to the analyte levels.
Conclusion: Data are acceptable.

Conclusion: All data are acceptable.

Toluene RMDL = 0.5 ug/L
(Selected in 2 streams)

1 - INCO, Copper Cliff Treatment Plant
Toluene was detected in 3 of 4 monitoring samples at a maximum level of 5.68 times the RMDL (average ratio = 2.96 RMDL) and detected in 1 of 4 travelling blanks at 1.78 RMDL on the same day as the maximum monitoring concentration. Recoveries from travelling spiked blanks were acceptable (range: 87.5 -109.5%). Laboratory corrections were applied and are acceptable.
Conclusion: Data are acceptable.

5 - Noranda Minerals, Geco Division
Toluene was detected in 4 of 4 monitoring samples with a maximum concentration ratio of 2.80 RMDL, and average concentration ratio of 2.30 RMDL.
Toluene was not detected in travelling blanks (maximum concentration ratio = 0.40 RMDL) All recoveries from travelling spikes were acceptable (range: 102.0 - 124.0%). Laboratory corrections were not applied.
Conclusion: Data are acceptable.

Conclusion: Data are acceptable.

Unique Parameters (ie. selected in only 1 stream)

Thallium RMDL = 0.03 mg/L

Selected at 27 - Placer Dome, Dona Lake Mine

Thallium was selected because the RMDL was not met. 2 monitoring samples and 1 travelling blank were reported. All were reported as 0.0330 mg/L with the <DL remark code. The reported results are within 1.6 times the RMDL; therefore, the data should be interpreted as not detected.

Conclusion: Remove thallium from the list of selected parameters.

Chromium RMDL = 0.02 mg/L

Selected at 12 - Falconbridge, Onaping

Chromium was detected in 3 of 4 monitoring samples with an average concentration ratio of 2.25 RMDL, a maximum of 4.50 RMDL.

Chromium was not detected above the RMDL in any of 4 travelling blanks.

Conclusion: Data are acceptable.

Vanadium RMDL = 0.03 mg/L

Selected at 37 - Bond Gold, Muskegsagagen Lake

Vanadium was selected because the RMDL was not met. 4 monitoring samples were reported, all equal to 0.050 mg/L (1.67 RMDL) with the <DL code. 4 travelling blanks were reported; 2 as 0.050 with the <DL code and 2 as 0.50 with the < remark code. Given that vanadium is a unique parameter, and no true positives are reported above 1.67 RMDL, it should be removed from the list of parameters.

Conclusion: Remove vanadium from the list of selected parameters.

Carbon tetrachloride RMDL = 1.3 ug/L

Selected at 53 - Rio Algom, Panel

4 monitoring samples were reported with a detection frequency of 75%, and average concentration ratio of 17.87 RMDL, a maximum of 58.46 RMDL. Carbon tetrachloride was not detected in any of 4 travelling blanks.

Travelling spiked blank recoveries ranged from 85.0 to 110.0%

Conclusion: Data are acceptable.

Methylene chloride RMDL = 1.3 ug/L

Selected at 35 - Canamax, Marhill Mine

Methylene chloride was detected in 3 of 4 monitoring samples with an average concentration ratio of 13.72 RMDL, a maximum of 45.38 RMDL. Methylene chloride was detected in 1 of 3 travelling blanks at 23.1 RMDL on the same day as the maximum monitoring samples concentration.

Recovery from one travelling spiked blank was high (193.7%). Recoveries for the other two travelling spikes reported were acceptable (58.3 and 76.2%).

Lab corrections were applied and are acceptable.

Conclusion: Data are acceptable.

Trichlorofluoromethane RMDL = 1.0 ug/L

Selected at 30 - Hemlo Gold Mines, Golden Giant

2 monitoring results were reported with concentration ratios of 1.2 and 1.6 times the RMDL.

Concentration ratios for the 2 travelling blanks reported are 0.10 and 1.0 times the RMDL.

Travelling spiked blank recoveries are 182.0 and 78.0 %. Laboratory corrections were not applied.

Conclusion: Insufficient information to assess data.

o - Xylene RMDL = 0.5 ug/L

Selected at 5 - Noranda Minerals, Geco Division

4 monitoring samples were reported with a detection frequency of 100%, an average concentration ratio of 7.90 RMDL, a maximum of 11.0 RMDL.

4 travelling blanks were reported; all less than the RMDL.

Recoveries for 4 travelling spiked blanks ranged from 106.7 to 120.0%.

Laboratory corrections were not applied.

Conclusion: Data are acceptable.

m - Xylene and p - Xylene RMDL = 1.1 ug/L

Selected at 5 - Noranda Minerals, Geco Division

4 monitoring samples were reported with detection frequency of 100%, an average concentration ratio of 6.45 RMDL, maximum of 9.09 RMDL.

4 travelling blanks were reported; three at less than the RMDL and 1 result at 1.09 RMDL.

Recoveries for 4 travelling spiked blanks ranged from 100.0 to 113.3%.

Laboratory corrections were not applied.

Conclusion: Data are acceptable.

Naphthalene RMDL = 1.6 ug/L

Selected at 5 - Noranda Minerals, Geco Division
4 monitoring samples were reported with a detection frequency of 100% an average concentration ratio of 1.94 RMDL, a maximum of 3.12 RMDL.
4 travelling blanks were reported; all less than the RMDL.
Recoveries for 4 travelling spiked blanks ranged from 72.0 to 79.2%
Laboratory corrections were not applied.

Conclusion: Data are acceptable.

2 - Methylnaphthalene RMDL = 2.2 ug/L

Selected at 5 - Noranda Minerals, Geco Division
4 monitoring samples were reported with a detection frequency of 100% an average concentration ratio of 1.78 RMDL and a maximum of 3.18 RMDL. 4 travelling blanks were reported; all are less than the RMDL. Recoveries for 4 travelling spiked blanks ranged from 60.0 to 82.6%. Laboratory corrections were not applied.

Conclusion: Data are acceptable.

m - Cresol RMDL = 3.4 ug/L

Selected at 39 - Giant Yellowknife, Pamour #1
m-Cresol was detected in 3 of 4 monitoring samples with a maximum concentration ratio of 4.88 RMDL and an average ratio of 2.99 RMDL.
4 travelling blanks were reported; all are less than the RMDL.
Recoveries for 4 travelling spiked blanks ranged from 65.1 to 77.1 %
No lab corrections were applied.

Conclusion: Data appears acceptable; however, all results for m - Cresol are identical to those of p - Cresol.

p - Cresol RMDL = 3.5 ug/L

Selected at 39 - Giant Yellowknife, Pamour #1
All results reported for p - Cresol are identical to those for m - Cresol given above.
Conclusion: Investigate at laboratory.

Unique Parameters Selected at Company 56 - Cameco, Blind River

The following list of parameters were selected only at
56 - Cameco, Blind River

2,4,5 - Trichlorotoluene
Hexachlorobenzene
Pentachlorobenzene
1,2,3 - Trichlorobenzene
1,2,3,4 - Tetrachlorobenzene
1,2,3,5 - Tetrachlorobenzene
1,2,4 - Trichlorobenzene
1,2,4,5 - Tetrachlorobenzene
Octachlorostyrene
Hexachlorobutadiene
Hexachlorocyclopentadiene

4 monitoring samples were reported for each of these parameters. For each of these parameters 1 result was qualified by the <DL remark code and three results with the < remark code. The data do not verify the presence or absence of these parameters.

Conclusion: Data for the above parameters are unacceptable and; therefore, may be removed from the list of selected parameters. Monitoring for assessment may be required.

APPENDIX B

QC Data Tables

Dissolved Solids - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 20.0 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
05 - Noranda Minerals, Geco Division	PR 0100	12	FH	100	100	100	180.60	211.85	245.70	212.23
13 - INCO, Refinery, Port Colborne	SR 0100	12	FH	100	100	100	55.65	219.05	291.30	201.09
09 - Falconbridge, Metallurgical	PR 0100	12	FH	100	100	100	90.80	121.13	441.90	148.71
53 - Rio Algom, Panel	PR 0100	12	FH	100	100	100	118.10	150.13	170.50	147.18
51 - Denison Mines, Denison Property	PR 0100	12	FH	100	100	100	100.00	140.00	175.00	144.17
24 - Teck - Corona, David Bell Mine	PR 0100	9	FH	100	100	100	8.00	114.00	547.95	142.43
55 - Rio Algom, Quirke	PR 0100	11	FH	100	100	100	78.95	152.20	188.05	139.78
30 - Hemlo Gold Mines, Golden Giant	PR 0100	5	FH	100	100	100	110.50	151.50	161.00	139.36
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	100	100	100	69.00	114.35	221.35	115.63
01 - INCO, Copper Cliff T.P.	PR 0100	12	FH	100	100	100	82.80	114.53	128.50	111.65
12 - Falconbridge, Onaping	MW 0100	10	FH	100	100	100	70.60	115.30	134.85	111.62
38 - LAC Minerals, Williams Mine	PR 0200	6	FH	100	100	100	91.00	103.05	113.25	102.56
16 - INCO, Whistle Mine	MW 0100	8	FH	100	100	100	65.45	106.50	126.05	101.74
17 - Minnova, Winston Lake Mine	PR 0100	9	FH	100	100	100	75.70	105.60	125.00	101.73
04 - INCO, Garson Mine	MW 0100	12	FH	100	100	100	55.35	95.78	115.70	92.95
59 - Denison Mines, Stanrock	SW 0100	12	FH	100	100	100	60.00	95.00	120.00	92.08
07 - INCO, Levack Mine	MW 0100	11	FH	100	100	100	58.85	82.50	113.45	85.20
58 - Rio Algom, Stanleigh	PR 0100	11	FH	100	100	100	64.20	72.65	97.10	75.84
08 - Falconbridge, Lockerby	MW 0100	11	FH	100	100	100	44.75	58.70	260.25	73.60
02 - INCO, Crean Hill Mine	MW 0100	12	FH	100	100	100	20.85	49.28	296.30	67.74
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FH	100	100	100	61.30	63.83	66.35	63.83
51 - Denison Mines, Denison Property	SW 0200	12	FH	100	100	100	32.00	55.00	85.00	59.33
15 - Falconbridge, Strathcona	PR 0100	11	FH	100	100	100	51.90	59.30	64.35	59.02
11 - INCO, Nolin Creek T.P.	SW 0100	12	FH	100	100	100	23.90	43.45	115.80	52.07
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FH	100	100	100	43.00	47.95	52.90	47.95
32 - LAC Minerals, Macassa Division	PR 0100	12	FH	100	100	100	24.60	48.40	67.55	46.98
54 - Rio Algom, Pronto	SW 0100	6	FH	100	100	100	24.15	48.33	52.20	44.25
46 - Algoma Steel, Ore Division	PR 0100	6	FH	100	100	100	32.00	40.00	45.50	39.75
38 - LAC Minerals, Williams Mine	MW 0100	2	FH	100	100	100	37.00	39.50	42.00	39.50
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FH	100	100	100	22.85	39.10	67.30	39.08
56 - Cameco, Refinery, Blind River	SR 0300	9	FH	100	100	100	18.95	32.95	49.20	33.01
03 - Falconbridge, Falconbridge	PR 0100	12	FH	100	100	100	23.75	31.95	36.55	31.86
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FH	100	100	100	18.30	29.95	48.00	31.20
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	21.50	24.50	26.50	24.17
25 - Placer Dome, Detour Lake Mine	PR 0100	19	FH	100	100	100	7.45	13.05	83.95	23.99
19 - Dickenson, Arthur W. White Mine	PR 0100	11	FH	100	100	100	18.00	22.55	31.25	23.15
42 - Renabie Gold Mines	PR 0100	8	FH	100	100	100	20.00	21.13	27.95	22.34
28 - Eastmaque Gold Mines	PR 0100	13	FH	100	100	100	15.30	19.80	35.05	21.03
57 - Cameco, Refinery, Port Hope	SR 0300	9	FH	100	100	100	8.00	11.00	88.00	20.92
35 - Canamax, Marhill Mine	MW 0100	11	FH	100	100	100	16.00	20.00	21.50	19.55
26 - Placer Dome, Dome Mine	PR 0100	11	FH	100	100	100	12.90	19.80	24.75	19.01
45 - St. Andrews Gold Fields	PR 0100	5	FH	100	100	100	14.80	18.50	19.50	17.86
36 - American Barrick, McDermott	PR 0100	3	FH	100	100	100	11.00	13.00	20.00	14.67
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	9	FH	100	100	100	6.60	13.00	21.00	13.23
31 - Canamax, Kremzar Mine	PR 0100	5	FH	100	100	100	8.00	15.50	16.50	13.20
10 - INCO, Refinery, Sudbury	SR 0100	12	FH	100	100	100	9.00	10.00	12.45	10.43
14 - INCO, Shebandowan Mine	PR 0100	12	FH	100	100	92	2.95	42.18	47.60	39.14
27 - Placer Dome, Dona Lake Mine	PR 0100	5	FH	100	100	80	3.80	8.05	9.25	7.30
57 - Cameco, Refinery, Port Hope	SR 0200	9	FH	89	89	89	1.00	11.50	80.00	17.97
57 - Cameco, Refinery, Port Hope	SR 0100	9	FH	89	89	89	1.00	12.25	38.50	14.87

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Dissolved Solids - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
08 - Falconbridge, Lockerby	MW 0100	3	33	.50	.50	2.30	1.10
57 - Cameco, Refinery, Port Hope	SR 0100	4	50	1.00	1.05	1.25	1.09
57 - Cameco, Refinery, Port Hope	SR 0200	4	0	1.00	1.00	1.00	1.00
57 - Cameco, Refinery, Port Hope	SR 0300	3	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
51 - Denison Mines, Denison Property	PR 0100	4	0	1.00	1.00	1.00	1.00
51 - Denison Mines, Denison Property	SW 0200	4	0	1.00	1.00	1.00	1.00
59 - Denison Mines, Stanrock	SW 0100	4	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	MW 0100	1	0	1.00	1.00	1.00	1.00
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.90	.90	.90	.90
03 - Falconbridge, Falconbridge	PR 0100	3	33	.50	.60	1.45	.85
15 - Falconbridge, Strathcona	PR 0100	3	33	.50	.50	1.45	.82
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	50	.10	.75	1.60	.80
58 - Rio Algom, Stanleigh	PR 0100	3	0	.30	1.00	1.00	.77
19 - Dickenson, Arthur W. White Mine	PR 0100	3	33	.10	1.00	1.20	.77
52 - Rio Algom, Lacnor/Nordic	SW 0100	3	0	.25	1.00	1.00	.75
55 - Rio Algom, Quirke	PR 0100	3	0	.25	.77	1.00	.67
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	.65	.65	.65	.65
53 - Rio Algom, Panel	PR 0100	3	0	.28	.63	1.00	.63
54 - Rio Algom, Pronto	SW 0100	2	0	.24	.62	1.00	.62
13 - INCO, Refinery, Port Colborne	SR 0100	3	0	.60	.60	.60	.60
16 - INCO, Whistle Mine	MW 0100	2	0	.60	.60	.60	.60
07 - INCO, Levack Mine	MW 0100	3	0	.60	.60	.60	.60
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.60	.60	.60	.60
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.60	.60	.60	.60
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.60	.60	.60	.60
04 - INCO, Garson Mine	MW 0100	4	0	.60	.60	.60	.60
02 - INCO, Crean Hill Mine	MW 0100	4	0	.60	.60	.60	.60
14 - INCO, Shebandowan Mine	PR 0100	3	0	.60	.60	.60	.60
12 - Falconbridge, Onaping	MW 0100	3	0	.50	.60	.65	.58
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.10	.55	1.00	.55
46 - Algoma Steel, Ore Division	PR 0100	1	0	.50	.50	.50	.50
25 - Placer Dome, Detour Lake Mine	PR 0100	4	25	.25	.25	1.05	.45
28 - Eastmaque Gold Mines	PR 0100	4	0	.25	.30	.50	.34
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.25	.28	.50	.33
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	.30	.30	.30	.30
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.25	.25	.25	.25
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.25	.25	.25	.25
27 - Placer Dome, Dona Lake Mine	PR 0100	2	0	.18	.22	.25	.22
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.10	.10	.50	.20
35 - Canamax, Marhill Mine	MW 0100	3	0	.20	.20	.20	.20
09 - Falconbridge, Metallurgical	PR 0100	4	0	.10	.15	.25	.16
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.10	.10	.10	.10
42 - Renabie Gold Mines	PR 0100	3	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Iron - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.02 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	9	FH	100	100	100	95.00	339.50	420.00	293.70
35 - Canamax, Marhill Mine	MW 0100	11	FH	100	100	100	16.00	238.50	477.00	226.20
11 - INCO, Nolin Creek T.P.	SW 0100	12	FH	100	100	100	14.80	66.50	483.50	138.90
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	10	FH	100	100	100	16.50	54.00	240.00	87.00
36 - American Barrick, McDermott	PR 0100	3	FH	100	100	100	49.00	55.00	90.00	64.65
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FH	100	100	100	25.80	56.15	86.50	56.15
45 - St. Andrews Gold Fields	PR 0100	5	FH	100	100	100	18.50	55.00	90.00	55.30
58 - Rio Algom, Stanleigh	PR 0100	11	FH	100	100	100	21.00	41.00	150.00	51.70
03 - Falconbridge, Falconbridge	PR 0100	12	FH	100	100	100	15.00	32.25	124.00	43.20
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FH	100	100	100	29.70	39.20	48.70	39.20
19 - Dickenson, Arthur W. White Mine	PR 0100	11	FH	100	100	100	10.85	26.55	78.70	32.25
01 - INCO, Copper Cliff T.P.	PR 0100	12	FH	100	100	100	8.40	19.90	95.00	25.80
30 - Hemlo Gold Mines, Golden Giant	PR 0100	6	FH	100	100	100	7.65	29.50	38.30	25.65
38 - LAC Minerals, Williams Mine	MW 0100	2	FH	100	100	100	15.25	23.40	31.50	23.40
28 - Eastmaque Gold Mines	PR 0100	13	FH	100	100	100	7.10	16.10	51.50	21.60
57 - Cameco, Refinery, Port Hope	SR 0200	8	FH	100	100	100	6.75	16.50	40.00	21.00
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	13.50	14.00	18.50	15.35
31 - Canamax, Kremzar Mine	PR 0100	5	FH	100	100	100	7.00	10.00	32.00	14.50
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FH	100	100	100	7.30	11.80	23.70	13.60
05 - Noranda Minerals, Geco Division	PR 0100	12	FH	100	100	100	5.00	9.75	25.50	11.60
25 - Placer Dome, Detour Lake Mine	PR 0100	19	FH	100	100	95	4.50	10.00	13.00	9.75
26 - Placer Dome, Dome Mine	PR 0100	11	FH	100	100	91	4.00	11.00	19.50	11.40
42 - Renabie Gold Mines	PR 0100	8	FH	100	100	88	2.50	17.25	53.50	23.10
55 - Rio Algom, Quirke	PR 0100	12	FH	100	100	83	2.50	15.00	142.00	32.00
54 - Rio Algom, Pronto	SW 0100	6	FH	100	100	83	4.00	17.50	35.00	18.25
17 - Minnova, Winston Lake Mine	PR 0100	9	FH	100	100	78	2.20	10.50	11.60	8.10
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	100	100	67	2.50	7.25	275.00	33.05
59 - Denison Mines, Stanrock	SW 0100	12	FH	100	100	67	2.50	11.25	45.50	14.15
51 - Denison Mines, Denison Property	PR 0100	12	FH	100	100	58	2.00	6.50	275.00	32.85
53 - Rio Algom, Panel	PR 0100	12	FH	100	92	75	1.00	6.50	170.00	21.30
14 - INCO, Shebandowan Mine	PR 0100	12	FH	100	92	50	1.70	6.10	13.10	6.10
07 - INCO, Levack Mine	MW 0100	11	FH	100	91	91	1.80	16.90	217.00	38.35
57 - Cameco, Refinery, Port Hope	SR 0300	9	FH	100	89	89	1.25	12.00	91.75	21.70
38 - LAC Minerals, Williams Mine	PR 0200	6	FH	100	83	83	1.20	13.90	40.00	16.90
02 - INCO, Crean Hill Mine	MW 0100	12	FL	100	50	8	1.00	2.05	11.40	2.70
46 - Algoma Steel, Ore Division	PR 0100	77	FH	99	97	97	.75	35.75	117.00	35.05
32 - LAC Minerals, Macassa Division	PR 0100	12	FH	92	92	92	.80	18.75	61.00	20.90
10 - INCO, Refinery, Sudbury	SR 0100	12	FH	92	92	67	.90	6.10	11.80	6.25
13 - INCO, Refinery, Port Colborne	SR 0100	12	FH	92	83	50	.50	6.10	20.00	7.35
51 - Denison Mines, Denison Property	SW 0200	12	FH	92	58	25	.50	2.00	50.00	6.90
15 - Falconbridge, Strathcona	PR 0100	11	FH	91	91	45	1.00	4.50	40.50	8.65
08 - Falconbridge, Lockerby	MW 0100	11	FH	91	55	36	1.00	2.60	9.90	3.85
57 - Cameco, Refinery, Port Hope	SR 0100	9	FH	89	89	78	1.00	16.00	35.00	13.05
24 - Teck - Corona, David Bell Mine	PR 0100	9	FH	89	78	56	1.00	6.00	8.25	4.75
16 - INCO, Whistle Mine	MW 0100	8	FH	88	75	63	.30	8.45	41.10	11.75
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FH	83	58	17	.25	2.80	26.90	4.85
27 - Placer Dome, Dona Lake Mine	PR 0100	5	FH	80	80	80	.65	8.00	11.50	6.95
09 - Falconbridge, Metallurgical	PR 0100	12	FL	75	50	17	.65	1.90	32.30	6.25
04 - INCO, Garson Mine	MW 0100	12	FL	58	50	25	.30	1.65	177.50	17.15
12 - Falconbridge, Onaping	MW 0100	10	FL	50	40	10	1.00	1.10	9.65	2.25

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Iron - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
12 - Falconbridge, Onaping	MW 0100	2	50	1.00	3.90	6.75	3.90
35 - Canamax, Marhill Mine	MW 0100	3	67	.10	1.50	7.00	2.85
08 - Falconbridge, Lockerby	MW 0100	2	50	1.00	2.25	3.50	2.25
15 - Falconbridge, Strathcona	PR 0100	2	50	1.00	2.25	3.50	2.25
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	50	.25	1.20	4.35	1.75
03 - Falconbridge, Falconbridge	PR 0100	2	50	1.00	1.75	2.50	1.75
57 - Cameco, Refinery, Port Hope	SR 0200	2	50	1.00	1.50	2.00	1.50
42 - Renabie Gold Mines	PR 0100	2	50	.35	1.45	2.50	1.45
57 - Cameco, Refinery, Port Hope	SR 0100	3	33	1.00	1.00	2.25	1.40
57 - Cameco, Refinery, Port Hope	SR 0300	1	100	1.25	1.25	1.25	1.25
17 - Minnova, Winston Lake Mine	PR 0100	4	25	1.00	1.00	2.00	1.25
09 - Falconbridge, Metallurgical	PR 0100	4	50	.25	.95	1.95	1.05
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
52 - Rio Algom, Lacnor/Nordic	SW 0100	1	0	1.00	1.00	1.00	1.00
54 - Rio Algom, Pronto	SW 0100	1	0	1.00	1.00	1.00	1.00
55 - Rio Algom, Quirke	PR 0100	1	0	1.00	1.00	1.00	1.00
53 - Rio Algom, Panel	PR 0100	1	0	1.00	1.00	1.00	1.00
58 - Rio Algom, Stanleigh	PR 0100	1	0	1.00	1.00	1.00	1.00
05 - Noranda Minerals, Geco Division	PR 0100	4	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
13 - INCO, Refinery, Port Colborne	SR 0100	3	33	.30	.50	2.10	.95
19 - Dickenson, Arthur W. White Mine	PR 0100	4	25	.25	1.00	1.00	.80
46 - Algoma Steel, Ore Division	PR 0100	2	0	.75	.75	.75	.75
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.50	.75	1.00	.75
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	.50	.75	1.00	.75
16 - INCO, Whistle Mine	MW 0100	2	50	.30	.65	1.00	.65
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.25	.60	1.00	.60
28 - Eastmaque Gold Mines	PR 0100	4	0	.50	.50	1.00	.60
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.50	.50	.50	.50
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	.50	.50	.50	.50
02 - INCO, Crean Hill Mine	MW 0100	4	0	.30	.30	.80	.45
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.30	.30	.60	.35
04 - INCO, Garson Mine	MW 0100	4	0	.30	.30	.50	.35
07 - INCO, Levack Mine	MW 0100	3	0	.30	.30	.30	.30
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.30	.30	.30	.30
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.30	.30	.30	.30
14 - INCO, Shebandowan Mine	PR 0100	3	0	.30	.30	.30	.30
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.25	.25	.25	.25

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Ammonia plus Ammonium - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.25 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
55 - Rio Algom, Quirke	PR 0100	147	FH	100	100	100	72.00	240.00	376.00	219.51
05 - Noranda Minerals, Geco Division	PR 0100	140	FH	100	100	100	116.80	193.40	353.20	200.75
51 - Denison Mines, Denison Property	PR 0100	157	FH	100	100	100	28.80	168.00	276.00	163.67
30 - Hemlo Gold Mines, Golden Giant	PR 0100	70	FH	100	100	100	33.00	67.00	106.80	66.05
38 - LAC Minerals, Williams Mine	PR 0200	65	FH	100	100	100	42.40	62.20	77.80	61.57
38 - LAC Minerals, Williams Mine	MW 0100	24	FH	100	100	100	30.40	61.20	68.00	55.71
53 - Rio Algom, Panel	PR 0100	144	FH	100	100	100	19.60	40.00	84.00	42.81
25 - Placer Dome, Detour Lake Mine	PR 0100	157	FH	100	100	100	9.60	36.00	72.00	38.89
35 - Canamax, Marhill Mine	MW 0100	153	FH	100	100	100	11.20	31.20	77.20	32.95
01 - INCO, Copper Cliff T.P.	PR 0100	156	FH	100	100	100	11.20	23.80	43.20	23.67
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	100	100	100	12.00	19.40	26.80	20.13
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FH	100	100	100	13.20	14.50	17.80	14.84
58 - Rio Algom, Stanleigh	PR 0100	144	FH	100	100	100	7.20	12.00	34.40	12.78
16 - INCO, Whistle Mine	MW 0100	89	FH	100	100	99	3.36	11.52	28.00	13.87
36 - American Barrick, McDermott	PR 0100	22	FH	100	100	95	4.80	10.20	20.40	11.56
29 - Giant Yellowknife, ERG Res.	PR 0100	18	FH	100	100	94	4.00	65.10	89.20	59.27
31 - Canamax, Kremzar Mine	PR 0100	47	FH	100	100	91	3.20	38.40	60.00	32.64
07 - INCO, Levack Mine	MW 0100	148	FH	100	100	88	2.16	10.24	68.00	14.38
11 - INCO, Nolin Creek T.P.	SW 0100	12	FH	100	100	83	3.52	6.76	34.24	10.78
45 - St. Andrews Gold Fields	PR 0100	61	FH	100	100	80	3.44	9.20	16.00	8.76
54 - Rio Algom, Pronto	SW 0100	6	FH	100	100	33	2.40	4.20	7.20	4.47
42 - Renabie Gold Mines	PR 0100	85	FH	100	99	99	1.36	24.48	42.80	24.39
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	135	FH	100	98	85	1.32	11.60	120.00	15.04
17 - Minnova, Winston Lake Mine	PR 0100	100	FH	100	98	74	1.60	6.38	24.08	9.18
15 - Falconbridge, Strathcona	PR 0100	156	FH	100	92	19	1.24	3.76	8.40	3.87
12 - Falconbridge, Onaping	MW 0100	155	FH	99	99	99	.10	72.00	166.40	74.11
24 - Teck - Corona, David Bell Mine	PR 0100	110	FH	99	99	98	1.00	60.40	116.60	60.42
21 - Canamax, Bell Creek Mine	PR 0100	42	FM	98	86	31	.96	3.58	11.20	4.64
14 - INCO, Shebandowan Mine	PR 0100	154	FH	97	95	53	.44	5.12	11.68	5.44
27 - Placer Dome, Dona Lake Mine	PR 0100	60	FM	97	92	48	.36	4.88	14.40	4.80
06 - Falconbridge, Kidd Creek Mine	MW 0100	148	FM	97	68	29	.20	2.44	33.44	6.83
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	96	82	65	1.00	9.12	43.20	11.42
32 - LAC Minerals, Macassa Division	PR 0100	158	FH	94	90	65	.60	14.20	72.80	21.28
59 - Denison Mines, Stanrock	SW 0100	12	FH	92	83	67	.40	5.80	25.20	9.47
08 - Falconbridge, Lockerby	MW 0100	155	FM	87	64	46	.10	4.24	30.08	5.40
33 - Giant Yellowknife, Pamour #1	PR 0100	116	FM	81	64	46	.60	3.72	24.40	6.78
09 - Falconbridge, Metallurgical	PR 0100	157	FL	76	46	6	.10	1.80	26.40	2.47
02 - INCO, Crean Hill Mine	MW 0100	157	FM	75	59	39	.44	2.96	24.40	5.91
10 - INCO, Refinery, Sudbury	SR 0100	157	FL	73	46	12	.44	1.76	41.20	3.21
26 - Placer Dome, Dome Mine	PR 0100	78	FL	72	44	26	.44	1.48	12.40	3.23
28 - Eastmaque Gold Mines	PR 0100	156	FL	64	40	12	.36	1.60	57.20	2.76
40 - Giant Yellowknife, P-S	MW 0100	16	FM	63	56	19	.60	2.64	15.20	3.18
51 - Denison Mines, Denison Property	SW 0200	12	FM	58	58	33	.10	2.72	272.00	27.46
46 - Algoma Steel, Ore Division	PR 0100	78	FL	55	9	0	.10	1.04	3.44	1.16
57 - Cameco, Refinery, Port Hope	SR 0100	101	FL	48	5	0	.40	.80	3.80	.99
03 - Falconbridge, Falconbridge	PR 0100	156	FL	42	9	1	.10	.88	8.96	1.13
57 - Cameco, Refinery, Port Hope	SR 0300	103	IL	35	14	5	.40	.60	14.80	1.30
13 - INCO, Refinery, Port Colborne	SR 0100	152	IM	25	13	0	.40	.72	2.64	.95
56 - Cameco, Refinery, Blind River	SR 0300	97	IM	24	19	3	.32	.64	10.24	1.20
57 - Cameco, Refinery, Port Hope	SR 0200	98	IL	20	1	0	.40	.60	2.80	.71

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Ammonia plus Ammonium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
11 - INCO, Nolin Creek T.P.	SW 0100	4	25	.44	.44	6.80	2.03
53 - Rio Algom, Panel	PR 0100	4	25	.80	.80	3.60	1.50
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	25	.80	.80	2.80	1.30
58 - Rio Algom, Stanleigh	PR 0100	4	25	.80	.80	2.80	1.30
54 - Rio Algom, Pronto	SW 0100	3	33	.10	.80	2.80	1.23
19 - Dickenson, Arthur W. White Mine	PR 0100	4	25	1.00	1.00	1.16	1.04
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
24 - Teck - Corona, David Bell Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	MW 0100	1	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	PR 0200	1	0	1.00	1.00	1.00	1.00
55 - Rio Algom, Quirke	PR 0100	4	0	.80	.80	.80	.80
28 - Eastmaque Gold Mines	PR 0100	4	0	.60	.70	1.00	.75
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.40	.70	1.00	.70
15 - Falconbridge, Strathcona	PR 0100	3	33	.40	.40	1.04	.61
12 - Falconbridge, Onaping	MW 0100	3	0	.40	.40	.88	.56
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.40	.54	.72	.55
08 - Falconbridge, Lockerby	MW 0100	3	0	.40	.40	.72	.51
03 - Falconbridge, Falconbridge	PR 0100	3	0	.40	.40	.60	.47
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.44	.44	.44	.44
16 - INCO, Whistle Mine	MW 0100	2	0	.44	.44	.44	.44
07 - INCO, Levack Mine	MW 0100	3	0	.44	.44	.44	.44
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.44	.44	.44	.44
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.44	.44	.44	.44
02 - INCO, Crean Hill Mine	MW 0100	4	0	.44	.44	.44	.44
14 - INCO, Shebandowan Mine	PR 0100	3	0	.44	.44	.44	.44
57 - Cameco, Refinery, Port Hope	SR 0100	1	0	.40	.40	.40	.40
57 - Cameco, Refinery, Port Hope	SR 0200	1	0	.40	.40	.40	.40
57 - Cameco, Refinery, Port Hope	SR 0300	1	0	.40	.40	.40	.40
26 - Placer Dome, Dome Mine	PR 0100	3	0	.40	.40	.40	.40
05 - Noranda Minerals, Geco Division	PR 0100	3	0	.40	.40	.40	.40
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.40	.40	.40	.40
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	.40	.40	.40	.40
56 - Cameco, Refinery, Blind River	SR 0300	3	0	.32	.32	.32	.32
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.10	.80	.28
42 - Renabie Gold Mines	PR 0100	3	0	.20	.20	.36	.25
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.20	.20	.20	.20
51 - Denison Mines, Denison Property	SW 0200	4	0	.10	.10	.48	.20
59 - Denison Mines, Stanrock	SW 0100	4	0	.10	.10	.52	.20
51 - Denison Mines, Denison Property	PR 0100	4	0	.10	.10	.24	.14
09 - Falconbridge, Metallurgical	PR 0100	4	0	.10	.10	.10	.10
27 - Placer Dome, Dona Lake Mine	PR 0100	1	0	.10	.10	.10	.10
35 - Canamax, Marhill Mine	MW 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Total Kjeldahl Nitrogen - Monitoring Samples: RMDL = 0.5 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
05 - Noranda Minerals, Geco Division	PR 0100	12	FH	100	100	100	78.00	98.40	136.00	100.07
55 - Rio Algom, Quirke	PR 0100	12	FH	100	100	100	43.60	112.20	125.40	96.67
51 - Denison Mines, Denison Property	PR 0100	11	FH	100	100	100	52.00	92.00	138.00	90.00
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FH	100	100	100	40.00	44.00	48.00	44.00
38 - LAC Minerals, Williams Mine	PR 0200	6	FH	100	100	100	35.20	39.70	48.40	41.13
12 - Falconbridge, Onaping	MW 0100	10	FH	100	100	100	20.20	39.40	61.60	38.08
30 - Hemlo Gold Mines, Golden Giant	PR 0100	5	FH	100	100	100	32.00	34.00	37.00	34.08
25 - Placer Dome, Detour Lake Mine	PR 0100	12	FH	100	100	100	16.00	30.00	86.00	32.08
38 - LAC Minerals, Williams Mine	MW 0100	2	FH	100	100	100	29.60	30.30	31.00	30.30
42 - Renabie Gold Mines	PR 0100	8	FH	100	100	100	7.42	20.60	39.40	21.35
53 - Rio Algom, Panel	PR 0100	12	FH	100	100	100	12.00	18.10	28.60	19.27
01 - INCO, Copper Cliff T.P.	PR 0100	12	FH	100	100	100	7.00	17.30	23.60	15.73
35 - Canamax, Marhill Mine	MW 0100	11	FH	100	100	100	10.60	14.80	24.60	15.64
31 - Canamax, Kremzar Mine	PR 0100	5	FH	100	100	100	5.60	9.00	34.00	15.08
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	100	100	100	7.20	13.20	18.40	13.25
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FH	100	100	100	9.00	10.40	11.80	10.40
45 - St. Andrews Gold Fields	PR 0100	5	FH	100	100	100	9.20	10.00	11.60	10.28
58 - Rio Algom, Stanleigh	PR 0100	11	FH	100	100	100	5.38	7.60	11.40	8.02
36 - American Barrick, McDermott	PR 0100	3	FH	100	100	100	5.20	8.20	9.20	7.53
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	10	FH	100	100	90	3.60	9.20	14.60	9.45
16 - INCO, Whistle Mine	MW 0100	8	FH	100	100	88	4.00	9.30	14.00	9.08
07 - INCO, Levack Mine	MW 0100	11	FH	100	100	82	3.20	7.00	24.00	8.46
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	67	4.40	5.20	6.00	5.20
11 - INCO, Nolin Creek T.P.	SW 0100	12	FM	100	100	50	2.60	4.90	28.00	7.95
59 - Denison Mines, Stanrock	SW 0100	11	FM	100	100	45	2.40	4.00	16.20	6.91
17 - Minnova, Winston Lake Mine	PR 0100	9	FM	100	100	44	2.76	4.68	10.80	5.83
26 - Placer Dome, Dome Mine	PR 0100	11	FM	100	100	27	2.06	3.20	8.80	4.23
32 - LAC Minerals, Macassa Division	PR 0100	12	FM	100	92	50	1.26	11.34	33.80	14.59
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FM	100	92	25	1.80	2.30	17.60	5.15
02 - INCO, Crean Hill Mine	MW 0100	12	FM	100	92	17	1.80	2.80	12.60	4.21
19 - Dickenson, Arthur W. White Mine	PR 0100	11	FM	100	91	73	1.98	7.92	18.86	8.85
39 - Giant Yellowknife, Pamour #1	PR 0100	8	FM	100	88	63	1.36	7.00	16.00	7.69
54 - Rio Algom, Pronto	SW 0100	6	FM	100	83	50	1.80	4.30	5.80	4.07
27 - Placer Dome, Dona Lake Mine	PR 0100	5	FM	100	80	20	1.72	3.70	5.22	3.65
15 - Falconbridge, Strathcona	PR 0100	11	FM	100	64	9	1.12	2.42	5.58	2.61
09 - Falconbridge, Metallurgical	PR 0100	12	FL	100	50	0	1.60	2.00	3.60	2.42
14 - INCO, Shebandowan Mine	PR 0100	12	FM	92	92	25	.80	3.99	7.20	4.30
10 - INCO, Refinery, Sudbury	SR 0100	12	FL	92	50	8	.98	2.19	8.20	2.57
08 - Falconbridge, Lockerby	MW 0100	11	FM	91	73	27	.56	3.28	8.38	3.53
24 - Teck - Corona, David Bell Mine	PR 0100	9	FH	89	89	89	1.00	32.18	62.54	37.11
28 - Eastmaque Gold Mines	PR 0100	13	FL	85	38	0	.70	1.92	4.04	2.04
51 - Denison Mines, Denison Property	SW 0200	11	FL	73	45	36	.60	1.68	166.00	18.18
04 - INCO, Garson Mine	MW 0100	12	FL	67	50	17	.44	2.40	8.20	2.84
57 - Cameco, Refinery, Port Hope	SR 0100	9	FL	67	33	0	.30	1.30	2.00	1.35
13 - INCO, Refinery, Port Colborne	SR 0100	12	FL	67	25	0	.98	1.28	4.00	1.66
57 - Cameco, Refinery, Port Hope	SR 0300	9	FL	67	11	0	.20	1.10	2.40	1.13
57 - Cameco, Refinery, Port Hope	SR 0200	9	FL	56	22	0	.30	1.20	2.20	1.18
03 - Falconbridge, Falconbridge	PR 0100	12	FL	50	17	8	.34	1.05	5.58	1.55

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Total Kjeldahl Nitrogen - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
17 - Minnova, Winston Lake Mine	PR 0100	2	50	.20	1.68	3.16	1.68
53 - Rio Algom, Panel	PR 0100	4	25	1.00	1.00	3.00	1.50
54 - Rio Algom, Pronto	SW 0100	3	33	1.00	1.00	2.40	1.47
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	25	1.00	1.00	2.60	1.40
58 - Rio Algom, Stanleigh	PR 0100	4	25	1.00	1.00	2.60	1.40
55 - Rio Algom, Quirke	PR 0100	4	0	1.00	1.00	1.00	1.00
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	MW 0100	1	0	1.00	1.00	1.00	1.00
57 - Cameco, Refinery, Port Hope	SR 0200	4	25	.30	.75	2.00	.95
57 - Cameco, Refinery, Port Hope	SR 0300	4	25	.20	.65	1.90	.85
57 - Cameco, Refinery, Port Hope	SR 0100	4	25	.30	.70	1.50	.80
13 - INCO, Refinery, Port Colborne	SR 0100	3	0	.10	.98	.98	.69
07 - INCO, Levack Mine	MW 0100	3	0	.10	.98	.98	.69
14 - INCO, Shebandowan Mine	PR 0100	3	0	.10	.98	.98	.69
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.24	.62	1.00	.62
16 - INCO, Whistle Mine	MW 0100	2	0	.10	.54	.98	.54
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.10	.54	.98	.54
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.10	.54	.98	.54
04 - INCO, Garson Mine	MW 0100	4	0	.10	.54	.98	.54
02 - INCO, Crean Hill Mine	MW 0100	4	0	.10	.54	.98	.54
51 - Denison Mines, Denison Property	PR 0100	4	0	.32	.36	.80	.46
51 - Denison Mines, Denison Property	SW 0200	4	0	.32	.36	.80	.46
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.10	.28	.98	.41
59 - Denison Mines, Stanrock	SW 0100	4	0	.32	.36	.40	.36
42 - Renabie Gold Mines	PR 0100	3	0	.24	.38	.46	.36
05 - Noranda Minerals, Geco Division	PR 0100	3	0	.18	.40	.40	.33
12 - Falconbridge, Onaping	MW 0100	3	0	.20	.20	.56	.32
15 - Falconbridge, Strathcona	PR 0100	3	0	.20	.20	.56	.32
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.20	.30	.40	.30
03 - Falconbridge, Falconbridge	PR 0100	3	0	.20	.20	.42	.27
08 - Falconbridge, Lockerby	MW 0100	3	0	.20	.20	.42	.27
28 - Eastmaque Gold Mines	PR 0100	2	0	.20	.25	.30	.25
39 - Giant Yellowknife, Pamour #1	PR 0100	3	0	.20	.20	.20	.20
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	.20	.20	.20	.20
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.20	.20	.20	.20
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	.20	.20	.20	.20
09 - Falconbridge, Metallurgical	PR 0100	4	0	.10	.20	.20	.17
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.10	.20	.20	.17
26 - Placer Dome, Dome Mine	PR 0100	3	0	.12	.18	.20	.17
27 - Placer Dome, Dona Lake Mine	PR 0100	1	0	.10	.10	.10	.10
35 - Canamax, Marhill Mine	MW 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Nitrate + Nitrite - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.25 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
55 - Rio Algom, Quirke	PR 0100	12	FH	100	100	100	221.08	372.60	613.52	383.99
51 - Denison Mines, Denison Property	PR 0100	12	FH	100	100	100	172.00	286.00	440.00	289.67
56 - Cameco, Refinery, Blind River	SR 0300	9	FH	100	100	100	64.00	176.00	432.00	228.44
12 - Falconbridge, Onaping	MW 0100	10	FH	100	100	100	120.80	146.20	174.40	145.56
38 - LAC Minerals, Williams Mine	MW 0100	2	FH	100	100	100	101.40	112.90	124.40	112.90
16 - INCO, Whistle Mine	MW 0100	8	FH	100	100	100	15.20	49.50	116.80	52.85
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FH	100	100	100	43.20	46.48	49.76	46.48
35 - Canamax, Marhill Mine	MW 0100	11	FH	100	100	100	6.40	52.40	63.60	46.11
38 - LAC Minerals, Williams Mine	PR 0200	6	FH	100	100	100	28.80	42.10	76.00	45.57
24 - Teck - Corona, David Bell Mine	PR 0100	9	FH	100	100	100	30.12	41.96	49.20	41.60
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FH	100	100	100	6.80	26.20	160.00	41.13
07 - INCO, Levack Mine	MW 0100	11	FH	100	100	100	13.80	41.80	58.60	36.66
53 - Rio Algom, Panel	PR 0100	12	FH	100	100	100	24.00	32.20	36.80	32.45
51 - Denison Mines, Denison Property	SW 0200	12	FH	100	100	100	8.40	21.20	48.00	25.23
59 - Denison Mines, Stanrock	SW 0100	12	FH	100	100	100	7.60	17.40	52.00	22.23
42 - Renabie Gold Mines	PR 0100	8	FH	100	100	100	14.40	21.40	27.00	20.97
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	100	100	100	10.80	19.60	25.32	19.13
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	8.80	12.80	18.40	13.33
58 - Rio Algom, Stanleigh	PR 0100	11	FH	100	100	100	9.20	11.60	17.24	11.75
01 - INCO, Copper Cliff T.P.	PR 0100	12	FH	100	100	100	6.00	9.70	15.80	10.25
04 - INCO, Garson Mine	MW 0100	12	FH	100	100	92	4.20	9.10	36.00	11.13
02 - INCO, Crean Hill Mine	MW 0100	12	FH	100	100	92	4.80	9.80	14.60	9.71
08 - Falconbridge, Lockerby	MW 0100	11	FH	100	100	91	3.24	22.88	34.08	22.76
32 - LAC Minerals, Macassa Division	PR 0100	12	FH	100	100	83	3.04	29.96	63.36	30.09
30 - Hemlo Gold Mines, Golden Giant	PR 0100	5	FH	100	100	80	4.00	36.52	292.40	81.08
17 - Minnova, Winston Lake Mine	PR 0100	9	FH	100	89	78	1.88	10.52	18.72	10.06
05 - Noranda Minerals, Geco Division	PR 0100	12	FM	100	83	50	1.44	5.80	18.80	7.35
46 - Algoma Steel, Ore Division	PR 0100	6	FM	100	83	0	1.52	2.62	3.96	2.66
36 - American Barrick, McDermott	PR 0100	3	FM	100	67	33	1.28	3.76	8.80	4.61
25 - Placer Dome, Detour Lake Mine	PR 0100	12	FM	100	67	25	1.52	3.32	6.76	3.55
13 - INCO, Refinery, Port Colborne	SR 0100	12	FM	100	58	25	1.40	2.40	10.00	3.84
10 - INCO, Refinery, Sudbury	SR 0100	12	FL	100	42	8	1.00	1.60	5.60	2.22
09 - Falconbridge, Metallurgical	PR 0100	12	FM	92	83	25	.40	3.40	38.40	6.37
11 - INCO, Nolin Creek T.P.	SW 0100	12	FL	92	50	0	.80	1.90	4.00	2.10
19 - Dickenson, Arthur W. White Mine	PR 0100	11	FH	91	91	82	.88	19.84	32.32	18.07
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FH	90	90	90	.64	15.38	40.40	17.16
14 - INCO, Shebandowan Mine	PR 0100	12	FH	83	75	58	.80	5.10	6.80	4.38
26 - Placer Dome, Dome Mine	PR 0100	11	FM	82	82	45	1.00	4.16	6.92	4.38
15 - Falconbridge, Strathcona	PR 0100	11	FL	82	9	0	.80	1.32	2.52	1.38
31 - Canamax, Kremzar Mine	PR 0100	5	FH	80	80	80	.12	17.20	22.00	13.30
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	10	FM	80	70	30	.68	3.80	20.80	6.68
57 - Cameco, Refinery, Port Hope	SR 0300	9	FH	56	56	56	.20	6.00	28.00	8.22
57 - Cameco, Refinery, Port Hope	SR 0100	9	FH	56	56	56	.20	5.20	20.00	6.36
54 - Rio Algom, Pronto	SW 0100	6	FL	50	33	0	.80	1.10	2.52	1.39
57 - Cameco, Refinery, Port Hope	SR 0200	9	FL	44	44	44	.20	.20	24.40	6.60

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Nitrate+Nitrite - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
54 - Rio Algom, Pronto	SW 0100	3	33	1.00	1.00	1.60	1.20
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
53 - Rio Algom, Panel	PR 0100	3	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	MW 0100	1	0	1.00	1.00	1.00	1.00
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.96	.96	.96	.96
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.80	1.00	1.00	.95
13 - INCO, Refinery, Port Colborne	SR 0100	3	0	.80	.80	.80	.80
16 - INCO, Whistle Mine	MW 0100	2	0	.80	.80	.80	.80
07 - INCO, Levack Mine	MW 0100	3	0	.80	.80	.80	.80
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.80	.80	.80	.80
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.80	.80	.80	.80
04 - INCO, Garson Mine	MW 0100	4	0	.80	.80	.80	.80
02 - INCO, Crean Hill Mine	MW 0100	4	0	.80	.80	.80	.80
14 - INCO, Shebandowan Mine	PR 0100	3	0	.80	.80	.80	.80
12 - Falconbridge, Onaping	MW 0100	3	0	.80	.80	.80	.80
08 - Falconbridge, Lockerby	MW 0100	3	0	.80	.80	.80	.80
15 - Falconbridge, Strathcona	PR 0100	3	0	.80	.80	.80	.80
58 - Rio Algom, Stanleigh	PR 0100	4	0	.40	.78	1.00	.74
55 - Rio Algom, Quirke	PR 0100	3	0	.10	1.00	1.00	.70
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.40	.80	.80	.70
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.10	.55	1.00	.55
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.40	.40	.80	.50
09 - Falconbridge, Metallurgical	PR 0100	4	0	.32	.40	.40	.38
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.32	.40	.40	.38
42 - Renabie Gold Mines	PR 0100	3	0	.28	.40	.40	.36
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.10	.10	.80	.28
57 - Cameco, Refinery, Port Hope	SR 0100	4	0	.20	.20	.20	.20
57 - Cameco, Refinery, Port Hope	SR 0200	4	0	.20	.20	.20	.20
57 - Cameco, Refinery, Port Hope	SR 0300	3	0	.20	.20	.20	.20
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.20	.20	.20	.20
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	.20	.20	.20	.20
05 - Noranda Minerals, Geco Division	PR 0100	3	0	.10	.10	.20	.13
46 - Algoma Steel, Ore Division	PR 0100	1	0	.10	.10	.10	.10
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.10	.10	.10	.10
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	.10	.10	.10	.10
51 - Denison Mines, Denison Property	PR 0100	4	0	.10	.10	.11	.10
51 - Denison Mines, Denison Property	SW 0200	4	0	.10	.10	.10	.10
59 - Denison Mines, Stanrock	SW 0100	4	0	.10	.10	.10	.10
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.10	.10	.10	.10
35 - Canamax, Marhill Mine	MW 0100	4	0	.10	.10	.10	.10
17 - Minnova, Winston Lake Mine	PR 0100	3	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

COD - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 10.0 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	9	FH	100	100	100	15.00	17.50	30.60	18.71
45 - St. Andrews Gold Fields	PR 0100	5	FH	100	100	100	6.40	6.80	12.70	8.14
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	10	FH	100	100	90	4.30	6.40	8.00	6.45
25 - Placer Dome, Detour Lake Mine	PR 0100	12	FH	100	100	67	3.50	6.20	47.00	10.46
36 - American Barrick, McDermott	PR 0100	3	FH	100	100	67	4.00	7.30	8.00	6.43
27 - Placer Dome, Dona Lake Mine	PR 0100	5	FH	100	100	60	3.57	5.09	5.79	4.92
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FM	100	100	50	4.00	7.85	11.70	7.85
19 - Dickenson, Arthur W. White Mine	PR 0100	11	FM	100	100	45	4.10	4.70	6.50	5.04
21 - Canamax, Bell Creek Mine	PR 0100	3	FM	100	100	33	4.00	4.80	5.00	4.60
05 - Noranda Minerals, Geco Division	PR 0100	12	FM	100	100	8	2.70	4.10	5.90	4.06
26 - Placer Dome, Dome Mine	PR 0100	11	FM	100	100	0	2.00	2.90	4.30	2.81
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FM	100	100	0	2.00	2.40	2.80	2.40
38 - LAC Minerals, Williams Mine	MW 0100	2	FM	100	100	0	2.00	2.00	2.00	2.00
42 - Renabie Gold Mines	PR 0100	8	FM	100	88	13	1.60	2.73	8.45	3.58
09 - Falconbridge, Metallurgical	PR 0100	12	FM	100	83	42	1.67	3.70	11.00	4.95
01 - INCO, Copper Cliff T.P.	PR 0100	12	FM	100	58	0	1.00	2.40	4.60	2.65
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FL	100	40	0	1.20	1.90	4.19	2.30
30 - Hemlo Gold Mines, Golden Giant	PR 0100	5	FL	100	20	0	1.50	1.50	2.70	1.76
28 - Eastmaque Gold Mines	PR 0100	13	FL	100	8	0	1.00	1.43	2.31	1.53
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FM	92	58	0	.90	2.11	3.50	2.13
14 - INCO, Shebandowan Mine	PR 0100	12	FL	92	17	0	.96	1.40	2.40	1.48
17 - Minnova, Winston Lake Mine	PR 0100	9	FM	89	56	0	1.00	2.40	3.10	2.21
32 - LAC Minerals, Macassa Division	PR 0100	12	FM	83	58	8	1.00	2.20	14.80	3.28
02 - INCO, Crean Hill Mine	MW 0100	12	FL	83	33	0	.96	1.45	3.20	1.84
38 - LAC Minerals, Williams Mine	PR 0200	6	FL	83	0	0	1.00	1.40	1.80	1.38
08 - Falconbridge, Lockerby	MW 0100	11	FM	82	55	0	.90	2.00	4.60	2.19
12 - Falconbridge, Onaping	MW 0100	10	FL	80	50	0	.90	1.75	4.80	2.29
31 - Canamax, Kremzar Mine	PR 0100	5	FL	80	0	0	.52	1.44	1.80	1.32
13 - INCO, Refinery, Port Colborne	SR 0100	12	FL	75	25	0	.96	1.75	4.00	1.86
53 - Rio Algom, Panel	PR 0100	12	FM	67	58	8	.91	2.75	6.30	2.45
24 - Teck - Corona, David Bell Mine	PR 0100	9	FL	67	44	0	.80	1.40	3.00	1.60
03 - Falconbridge, Falconbridge	PR 0100	12	FL	67	33	0	.90	1.20	3.60	1.61
51 - Denison Mines, Denison Property	PR 0100	12	FL	67	17	0	.91	1.20	2.60	1.40
58 - Rio Algom, Stanleigh	PR 0100	12	FL	67	8	0	.91	1.25	3.80	1.46
35 - Canamax, Marhill Mine	MW 0100	12	FL	67	0	0	.10	1.10	1.90	1.13
07 - INCO, Levack Mine	MW 0100	11	FL	64	18	0	.96	1.20	3.00	1.46
16 - INCO, Whistle Mine	MW 0100	8	FL	63	25	0	.96	1.20	2.20	1.41
55 - Rio Algom, Quirke	PR 0100	12	FL	58	33	8	.91	1.15	7.40	2.24
51 - Denison Mines, Denison Property	SW 0200	12	FL	58	33	8	.91	1.20	6.40	1.94
54 - Rio Algom, Pronto	SW 0100	6	FL	50	17	0	.91	1.21	2.70	1.42
15 - Falconbridge, Strathcona	PR 0100	11	FL	45	18	0	.90	1.00	4.93	1.58
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	IL	33	17	0	.91	.91	4.70	1.43
10 - INCO, Refinery, Sudbury	SR 0100	12	IL	33	0	0	.96	.96	1.40	1.03

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

COD - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
17 - Minnova, Winston Lake Mine	PR 0100	2	50	1.00	1.25	1.50	1.25
02 - INCO, Crean Hill Mine	MW 0100	4	25	.96	.96	1.20	1.02
05 - Noranda Minerals, Geco Division	PR 0100	1	0	1.00	1.00	1.00	1.00
24 - Teck - Corona, David Bell Mine	PR 0100	1	0	1.00	1.00	1.00	1.00
13 - INCO, Refinery, Port Colborne	SR 0100	3	0	.96	.96	.96	.96
16 - INCO, Whistle Mine	MW 0100	2	0	.96	.96	.96	.96
07 - INCO, Levack Mine	MW 0100	3	0	.96	.96	.96	.96
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.96	.96	.96	.96
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.96	.96	.96	.96
35 - Canamax, Marhill Mine	MW 0100	4	0	.87	.87	.87	.87
14 - INCO, Shebandowan Mine	PR 0100	3	0	.10	.96	1.00	.69
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.50	.50	.50	.50
42 - Renabie Gold Mines	PR 0100	2	0	.50	.50	.50	.50
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.10	.22	.13

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Oil and grease - Monitoring Samples:
Detection Frequencies and Concentration Ratios

RMDL = 1.0 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	97	FH	100	100	97	2.60	30.00	58.00	29.45
38 - LAC Minerals, Williams Mine	MW 0100	24	FH	83	58	4	1.00	2.10	6.00	2.15
27 - Placer Dome, Dona Lake Mine	PR 0100	60	FH	78	57	8	.40	2.25	7.20	2.63
07 - INCO, Levack Mine	MW 0100	147	FL	78	0	0	.40	1.10	1.70	.96
14 - INCO, Shebandowan Mine	PR 0100	153	FL	78	0	0	.40	1.10	1.10	.95
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FH	77	55	5	1.00	2.10	5.20	2.39
01 - INCO, Copper Cliff T.P.	PR 0100	156	FL	77	0	0	.40	1.10	1.40	.94
04 - INCO, Garson Mine	MW 0100	157	FL	77	0	0	.40	1.10	1.10	.94
13 - INCO, Refinery, Port Colborne	SR 0100	148	FL	76	0	0	.40	1.10	1.10	.94
10 - INCO, Refinery, Sudbury	SR 0100	157	FL	76	0	0	.40	1.10	1.10	.94
02 - INCO, Crean Hill Mine	MW 0100	156	FL	76	0	0	.40	1.10	1.10	.94
35 - Canamax, Marhill Mine	MW 0100	155	FH	75	65	26	1.00	2.00	56.00	4.72
11 - INCO, Nolin Creek T.P.	SW 0100	12	FL	75	8	0	.40	1.10	3.50	1.13
39 - Giant Yellowknife, Pamour #1	PR 0100	114	FL	72	41	10	1.00	1.60	29.14	2.51
16 - INCO, Whistle Mine	MW 0100	89	FL	72	0	0	.40	1.10	1.10	.90
25 - Placer Dome, Detour Lake Mine	PR 0100	156	FL	68	33	6	1.00	1.00	55.00	2.27
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FL	67	34	10	.10	1.40	13.20	2.22
45 - St. Andrews Gold Fields	PR 0100	60	FL	67	30	20	.20	1.30	50.00	4.44
42 - Renabie Gold Mines	PR 0100	85	FL	65	41	8	.20	1.50	7.20	2.06
36 - American Barrick, McDermott	PR 0100	22	FL	64	23	0	.96	1.20	2.80	1.45
29 - Giant Yellowknife, ERG Res.	PR 0100	18	FL	61	22	0	1.00	1.25	4.18	1.72
12 - Falconbridge, Onaping	MW 0100	154	FL	58	23	10	1.00	1.10	17.40	2.16
32 - LAC Minerals, Macassa Division	PR 0100	158	FL	58	21	1	1.00	1.20	17.57	1.66
28 - Eastmaque Gold Mines	PR 0100	156	FL	58	17	3	1.00	1.20	14.00	1.59
40 - Giant Yellowknife, P-S	MW 0100	16	FL	56	0	0	1.00	1.10	1.63	1.22
21 - Canamax, Bell Creek Mine	PR 0100	42	FL	50	29	2	1.00	1.00	6.00	1.41
54 - Rio Algom, Pronto	SW 0100	6	FL	50	17	0	.30	1.00	4.80	1.52
09 - Falconbridge, Metallurgical	PR 0100	156	FL	49	42	17	.50	.80	20.50	2.80
06 - Falconbridge, Kidd Creek Mine	MW 0100	148	FL	48	33	15	.50	.80	16.20	2.28
17 - Minnova, Winston Lake Mine	PR 0100	99	FL	47	20	1	1.00	1.00	5.00	1.38
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	130	FL	46	13	2	.50	1.00	15.40	1.35
05 - Noranda Minerals, Geco Division	PR 0100	142	FL	42	23	0	1.00	1.00	4.60	1.38
26 - Placer Dome, Dome Mine	PR 0100	78	FL	42	12	1	.10	1.00	19.13	1.55
30 - Hemlo Gold Mines, Golden Giant	PR 0100	70	IL	36	11	0	1.00	1.00	3.00	1.16
46 - Algoma Steel, Ore Division	PR 0100	73	IL	30	14	1	.12	1.00	5.00	1.37
15 - Falconbridge, Strathcona	PR 0100	155	IM	28	15	5	1.00	1.00	15.60	1.66
38 - LAC Minerals, Williams Mine	PR 0200	65	IL	28	11	3	.61	1.00	5.40	1.19
08 - Falconbridge, Lockerby	MW 0100	154	IM	27	17	8	1.00	1.00	31.00	1.91
51 - Denison Mines, Denison Property	PR 0100	157	IL	27	10	0	.96	.96	3.80	1.20
31 - Canamax, Kremzar Mine	PR 0100	45	IH	24	13	9	.10	.60	15.00	1.38
03 - Falconbridge, Falconbridge	PR 0100	156	IH	22	15	8	1.00	1.00	37.60	2.66
24 - Teck - Corona, David Bell Mine	PR 0100	109	IM	21	11	1	.10	1.00	5.00	1.07
57 - Cameco, Refinery, Port Hope	SR 0200	102	IL	20	9	0	1.00	1.00	4.80	1.21
57 - Cameco, Refinery, Port Hope	SR 0100	99	IL	19	8	0	1.00	1.00	3.20	1.14

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Oil and grease - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
05 - Noranda Minerals, Geco Division	PR 0100	3	100	1.00	3.00	7.60	3.87
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	25	.50	.50	3.00	1.13
46 - Algoma Steel, Ore Division	PR 0100	2	0	1.00	1.00	1.00	1.00
57 - Cameco, Refinery, Port Hope	SR 0100	2	0	1.00	1.00	1.00	1.00
57 - Cameco, Refinery, Port Hope	SR 0200	2	0	1.00	1.00	1.00	1.00
56 - Cameco, Refinery, Blind River	SR 0300	3	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
03 - Falconbridge, Falconbridge	PR 0100	3	0	1.00	1.00	1.00	1.00
12 - Falconbridge, Onaping	MW 0100	3	0	1.00	1.00	1.00	1.00
08 - Falconbridge, Lockerby	MW 0100	3	0	1.00	1.00	1.00	1.00
15 - Falconbridge, Strathcona	PR 0100	3	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	1.00	1.00	1.00	1.00
35 - Canamax, Marhill Mine	MW 0100	3	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	MW 0100	1	0	1.00	1.00	1.00	1.00
17 - Minnova, Winston Lake Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
51 - Denison Mines, Denison Property	PR 0100	4	0	.96	.96	.96	.96
27 - Placer Dome, Dona Lake Mine	PR 0100	1	0	.96	.96	.96	.96
11 - INCO, Nolin Creek T.P.	SW 0100	3	67	.60	1.10	1.10	.93
01 - INCO, Copper Cliff T.P.	PR 0100	4	50	.40	1.00	1.10	.88
07 - INCO, Levack Mine	MW 0100	3	67	.40	1.10	1.10	.87
14 - INCO, Shebandowan Mine	PR 0100	3	67	.40	1.10	1.10	.87
13 - INCO, Refinery, Port Colborne	SR 0100	4	50	.40	.75	1.10	.75
16 - INCO, Whistle Mine	MW 0100	2	50	.40	.75	1.10	.75
04 - INCO, Garson Mine	MW 0100	4	50	.40	.75	1.10	.75
02 - INCO, Crean Hill Mine	MW 0100	4	50	.40	.75	1.10	.75
10 - INCO, Refinery, Sudbury	SR 0100	3	33	.40	.50	1.10	.67
09 - Falconbridge, Metallurgical	PR 0100	4	0	.50	.50	.80	.58
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.10	.55	1.00	.55
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.10	.53	.96	.53
42 - Renabie Gold Mines	PR 0100	3	0	.50	.50	.50	.50
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.20	.35	.50	.35
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.10	.10	1.00	.33
54 - Rio Algom, Pronto	SW 0100	3	0	.30	.30	.30	.30

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Sulphates - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 5.0 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
05 - Noranda Minerals, Geco Division	PR 0100	12	FH	100	100	100	422.00	511.54	775.84	531.34
13 - INCO, Refinery, Port Colborne	SR 0100	12	FH	100	100	100	134.00	474.00	587.00	430.57
53 - Rio Algom, Panel	PR 0100	12	FH	100	100	100	273.60	359.10	400.00	346.78
55 - Rio Algom, Quirke	PR 0100	12	FH	100	100	100	179.60	349.20	500.60	330.12
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	100	100	100	183.80	301.60	624.80	315.22
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	FH	100	100	100	292.00	314.00	336.00	314.00
09 - Falconbridge, Metallurgical	PR 0100	12	FH	100	100	100	252.00	300.80	396.00	306.47
51 - Denison Mines, Denison Property	PR 0100	12	FH	100	100	100	168.00	300.00	360.00	300.67
01 - INCO, Copper Cliff T.P.	PR 0100	12	FH	100	100	100	192.00	248.00	329.00	258.40
24 - Teck - Corona, David Bell Mine	PR 0100	4	FH	100	100	100	127.60	259.65	296.86	235.94
17 - Minnova, Winston Lake Mine	PR 0100	9	FH	100	100	100	95.20	236.20	268.64	212.09
04 - INCO, Garson Mine	MW 0100	12	FH	100	100	100	126.00	206.90	242.00	199.15
16 - INCO, Whistle Mine	MW 0100	8	FH	100	100	100	122.00	206.00	282.00	198.90
07 - INCO, Levack Mine	MW 0100	11	FH	100	100	100	97.00	202.20	293.00	197.13
38 - LAC Minerals, Williams Mine	PR 0200	2	FH	100	100	100	161.50	189.50	217.50	189.50
58 - Rio Algom, Stanleigh	PR 0100	11	FH	100	100	100	117.80	172.00	254.00	183.58
59 - Denison Mines, Stanrock	SW 0100	12	FH	100	100	100	124.00	184.00	220.00	180.83
02 - INCO, Crean Hill Mine	MW 0100	12	FH	100	100	100	30.00	108.50	700.60	147.08
11 - INCO, Nolin Creek T.P.	SW 0100	12	FH	100	100	100	46.00	96.20	317.60	119.60
54 - Rio Algom, Pronto	SW 0100	6	FH	100	100	100	59.80	121.80	154.60	115.93
12 - Falconbridge, Onaping	MW 0100	10	FH	100	100	100	68.00	111.20	130.00	106.70
15 - Falconbridge, Strathcona	PR 0100	11	FH	100	100	100	78.80	104.40	127.00	104.47
51 - Denison Mines, Denison Property	SW 0200	12	FH	100	100	100	46.00	81.00	140.00	89.00
14 - INCO, Shebandowan Mine	PR 0100	12	FH	100	100	100	6.00	90.10	121.40	85.52
08 - Falconbridge, Lockerby	MW 0100	11	FH	100	100	100	48.00	74.20	84.20	72.16
46 - Algoma Steel, Ore Division	PR 0100	6	FH	100	100	100	8.94	77.20	98.00	69.99
03 - Falconbridge, Falconbridge	PR 0100	12	FH	100	100	100	55.00	66.20	80.80	65.63
39 - Giant Yellowknife, Pamour #1	PR 0100	4	FH	100	100	100	46.60	53.20	62.20	53.80
32 - LAC Minerals, Macassa Division	PR 0100	3	FH	100	100	100	29.80	50.20	61.40	47.13
26 - Placer Dome, Dome Mine	PR 0100	3	FH	100	100	100	30.60	31.00	38.00	33.20
42 - Renabie Gold Mines	PR 0100	3	FH	100	100	100	25.60	27.00	45.80	32.80
28 - Eastmaque Gold Mines	PR 0100	4	FH	100	100	100	22.40	30.50	44.60	32.00
19 - Dickenson, Arthur W. White Mine	PR 0100	4	FH	100	100	100	21.15	31.92	36.80	30.45
10 - INCO, Refinery, Sudbury	SR 0100	11	FH	100	100	100	12.80	16.40	132.20	30.25
25 - Placer Dome, Detour Lake Mine	PR 0100	4	FH	100	100	100	12.28	21.83	40.20	24.04
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FH	100	100	92	2.32	59.00	99.80	57.08
35 - Canamax, Marhill Mine	MW 0100	4	FM	100	100	25	2.52	2.90	5.40	3.43
57 - Cameco, Refinery, Port Hope	SR 0100	9	FM	100	100	22	3.80	4.20	5.20	4.36
57 - Cameco, Refinery, Port Hope	SR 0300	9	FM	100	100	0	3.20	3.60	4.80	3.91
56 - Cameco, Refinery, Blind River	SR 0300	9	FM	100	78	44	1.60	4.40	14.00	5.16
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	FH	100	75	75	1.96	9.00	19.40	9.84
27 - Placer Dome, Dona Lake Mine	PR 0100	2	FL	100	50	50	1.48	5.86	10.24	5.86
57 - Cameco, Refinery, Port Hope	SR 0200	9	FM	89	89	0	.40	4.20	4.60	3.67

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Sulphates - Travelling Blanks
Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
13 - INCO, Refinery, Port Colborne	SR 0100	3	0	.80	.80	.80	.80
16 - INCO, Whistle Mine	MW 0100	2	0	.80	.80	.80	.80
07 - INCO, Levack Mine	MW 0100	3	0	.80	.80	.80	.80
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.80	.80	.80	.80
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.80	.80	.80	.80
04 - INCO, Garson Mine	MW 0100	4	0	.80	.80	.80	.80
02 - INCO, Crean Hill Mine	MW 0100	4	0	.80	.80	.80	.80
14 - INCO, Shebandowan Mine	PR 0100	3	0	.80	.80	.80	.80
27 - Placer Dome, Dona Lake Mine	PR 0100	2	0	.50	.66	.82	.66
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.10	.80	.80	.63
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.10	.25	.40	.25
46 - Algoma Steel, Ore Division	PR 0100	1	0	.20	.20	.20	.20
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.10	.20	.20	.18
57 - Cameco, Refinery, Port Hope	SR 0100	4	0	.10	.15	.20	.15
57 - Cameco, Refinery, Port Hope	SR 0200	4	0	.10	.15	.20	.15
57 - Cameco, Refinery, Port Hope	SR 0300	4	0	.10	.15	.20	.15
51 - Denison Mines, Denison Property	SW 0200	4	0	.10	.15	.20	.15
59 - Denison Mines, Stanrock	SW 0100	4	0	.10	.15	.20	.15
52 - Rio Algom, Lacnor/Nordic	SW 0100	3	0	.10	.10	.20	.13
51 - Denison Mines, Denison Property	PR 0100	4	0	.10	.10	.20	.13
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.10	.10	.13	.11
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.10	.10	.14	.11
09 - Falconbridge, Metallurgical	PR 0100	4	0	.10	.10	.10	.10
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.10	.10	.10	.10
26 - Placer Dome, Dome Mine	PR 0100	3	0	.10	.10	.10	.10
32 - LAC Minerals, Macassa Division	PR 0100	3	0	.10	.10	.10	.10
54 - Rio Algom, Pronto	SW 0100	2	0	.10	.10	.10	.10
55 - Rio Algom, Quirke	PR 0100	3	0	.10	.10	.10	.10
53 - Rio Algom, Panel	PR 0100	3	0	.10	.10	.10	.10
58 - Rio Algom, Stanleigh	PR 0100	3	0	.10	.10	.10	.10
03 - Falconbridge, Falconbridge	PR 0100	3	0	.10	.10	.10	.10
12 - Falconbridge, Onaping	MW 0100	3	0	.10	.10	.10	.10
08 - Falconbridge, Lockerby	MW 0100	3	0	.10	.10	.10	.10
15 - Falconbridge, Strathcona	PR 0100	3	0	.10	.10	.10	.10
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.10	.10	.10	.10
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.10	.10	.10	.10
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.10	.10	.10	.10
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	.10	.10	.10	.10
35 - Canamax, Marhill Mine	MW 0100	3	0	.10	.10	.11	.10
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.10	.10	.10	.10
42 - Renabie Gold Mines	PR 0100	3	0	.10	.10	.10	.10
28 - Eastmaque Gold Mines	PR 0100	4	0	.10	.10	.10	.10
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Total suspended solids - Monitoring Samples: RMDL = 5.0 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	156	FH	100	97	90	1.00	21.60	142.00	30.61
38 - LAC Minerals, Williams Mine	MW 0100	24	FH	100	96	4	1.60	3.28	6.40	3.32
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FH	100	91	50	1.20	5.00	16.80	5.46
56 - Cameco, Refinery, Blind River	SR 0300	97	FH	98	96	67	.40	6.00	48.40	6.86
58 - Rio Algom, Stanleigh	PR 0100	144	FL	96	43	1	.12	1.92	6.36	2.06
11 - INCO, Nolin Creek T.P.	SW 0100	12	FM	92	75	33	.80	3.10	17.40	5.90
45 - St. Andrews Gold Fields	PR 0100	61	FM	90	75	30	.40	3.00	33.00	4.54
01 - INCO, Copper Cliff T.P.	PR 0100	155	FM	90	70	23	.60	2.80	29.80	3.65
04 - INCO, Garson Mine	MW 0100	157	FL	88	34	3	.60	1.60	10.60	1.85
12 - Falconbridge, Onaping	MW 0100	155	FL	81	33	1	.20	1.60	7.60	1.75
51 - Denison Mines, Denison Property	PR 0100	158	FL	80	22	0	.80	1.30	4.60	1.56
16 - INCO, Whistle Mine	MW 0100	88	FL	75	44	6	.60	1.80	13.00	2.24
57 - Cameco, Refinery, Port Hope	SR 0200	102	FL	73	41	13	.10	1.60	380.00	6.51
29 - Giant Yellowknife, ERG Res.	PR 0100	18	FL	72	39	0	1.00	1.70	4.00	1.83
07 - INCO, Levack Mine	MW 0100	148	FL	71	46	23	.60	1.60	20.40	3.50
57 - Cameco, Refinery, Port Hope	SR 0300	101	FL	69	46	22	1.00	1.60	30.00	3.50
32 - LAC Minerals, Macassa Division	PR 0100	158	FL	68	37	4	1.00	1.40	10.40	1.94
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FL	68	26	0	1.00	1.36	4.80	1.64
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FL	67	41	13	1.00	1.40	48.00	3.26
17 - Minnova, Winston Lake Mine	PR 0100	100	FL	66	47	4	.20	1.75	19.40	2.40
57 - Cameco, Refinery, Port Hope	SR 0100	100	FL	66	42	20	1.00	1.60	28.00	3.72
05 - Noranda Minerals, Geco Division	PR 0100	142	FM	63	53	18	1.00	2.30	37.00	3.03
09 - Falconbridge, Metallurgical	PR 0100	155	FL	63	39	17	.20	1.40	23.40	2.44
13 - INCO, Refinery, Port Colborne	SR 0100	152	FL	62	15	2	.60	1.20	7.20	1.41
30 - Hemlo Gold Mines, Golden Giant	PR 0100	70	FL	61	43	6	.20	1.60	22.80	2.38
21 - Canamax, Bell Creek Mine	PR 0100	42	FL	60	33	0	.20	1.20	4.40	1.43
46 - Algoma Steel, Ore Division	PR 0100	78	FL	53	35	1	.20	1.06	5.34	1.65
28 - Eastmaque Gold Mines	PR 0100	156	FL	50	28	9	.80	1.00	20.40	2.39
06 - Falconbridge, Kidd Creek Mine	MW 0100	148	FL	48	26	4	.20	.84	9.60	1.48
59 - Denison Mines, Stanrock	SW 0100	12	FL	42	0	0	.80	.80	1.60	.98
42 - Renabie Gold Mines	PR 0100	85	IL	39	6	0	.10	.86	2.80	.90
25 - Placer Dome, Detour Lake Mine	PR 0100	157	IL	34	9	1	.30	1.00	16.20	1.29
26 - Placer Dome, Dome Mine	PR 0100	78	IL	33	6	0	1.00	1.00	4.18	1.24
10 - INCO, Refinery, Sudbury	SR 0100	157	IL	31	3	0	.60	.80	3.40	.84
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	135	IL	27	4	1	.40	.60	5.00	.85
15 - Falconbridge, Strathcona	PR 0100	156	IL	21	7	2	.20	.20	10.80	.76
14 - INCO, Shebandowan Mine	PR 0100	153	IL	20	6	1	.60	.60	5.20	.85
53 - Rio Algom, Panel	PR 0100	145	IL	19	3	0	.10	.56	3.00	.66
55 - Rio Algom, Quirke	PR 0100	147	IL	16	1	0	.12	.52	2.52	.64
03 - Falconbridge, Falconbridge	PR 0100	156	IL	15	4	0	.20	.60	3.00	.75

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Total suspended solids - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
39 - Giant Yellowknife, Pamour #1	PR 0100	1	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
10 - INCO, Refinery, Sudbury	SR 0100	1	0	.60	.60	.60	.60
14 - INCO, Shebandowan Mine	PR 0100	1	0	.60	.60	.60	.60
46 - Algoma Steel, Ore Division	PR 0100	2	0	.54	.54	.54	.54
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	2	0	.40	.40	.40	.40
42 - Renabie Gold Mines	PR 0100	2	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Chlorides - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 2.0 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
02 - INCO, Crean Hill Mine	MW 0100	4	FH	100	100	100	39.00	64.30	44,500.00	11,166.90
12 - Falconbridge, Onaping	MW 0100	4	FH	100	100	100	241.00	365.50	570.00	385.50
13 - INCO, Refinery, Port Colborne	SR 0100	4	FH	100	100	100	111.00	152.00	283.60	174.65
08 - Falconbridge, Lockerby	MW 0100	4	FH	100	100	100	85.50	129.00	147.00	122.63
51 - Denison Mines, Denison Property	SW 0200	4	FH	100	100	100	85.00	102.50	125.00	103.75
38 - LAC Minerals, Williams Mine	PR 0200	2	FH	100	100	100	51.00	86.25	121.50	86.25
53 - Rio Algom, Panel	PR 0100	4	FH	100	100	100	40.50	95.00	95.50	81.50
32 - LAC Minerals, Macassa Division	PR 0100	3	FH	100	100	100	41.45	83.00	107.00	77.15
15 - Falconbridge, Strathcona	PR 0100	4	FH	100	100	100	59.00	75.50	86.50	74.13
59 - Denison Mines, Stanrock	SW 0100	4	FH	100	100	100	42.00	75.00	100.00	73.00
04 - INCO, Garson Mine	MW 0100	4	FH	100	100	100	36.00	64.10	74.40	59.65
16 - INCO, Whistle Mine	MW 0100	2	FH	100	100	100	35.70	58.35	81.00	58.35
51 - Denison Mines, Denison Property	PR 0100	4	FH	100	100	100	40.00	55.00	60.00	52.50
11 - INCO, Nolin Creek T.P.	SW 0100	4	FH	100	100	100	21.20	35.65	100.50	48.25
01 - INCO, Copper Cliff T.P.	PR 0100	4	FH	100	100	100	31.00	46.80	49.00	43.40
07 - INCO, Levack Mine	MW 0100	4	FH	100	100	100	17.10	41.65	57.00	39.35
17 - Minnova, Winston Lake Mine	PR 0100	4	FH	100	100	100	23.10	30.98	53.50	34.64
24 - Teck - Corona, David Bell Mine	PR 0100	4	FH	100	100	100	27.30	30.70	35.35	31.01
58 - Rio Algom, Stanleigh	PR 0100	4	FH	100	100	100	26.50	29.25	34.50	29.88
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	FH	100	100	100	29.45	29.50	29.55	29.50
42 - Renabie Gold Mines	PR 0100	3	FH	100	100	100	24.00	25.00	35.90	28.30
19 - Dickenson, Arthur W. White Mine	PR 0100	4	FH	100	100	100	14.67	22.21	37.82	24.22
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	FH	100	100	100	9.00	15.28	56.00	23.89
35 - Canamax, Marhill Mine	MW 0100	4	FH	100	100	100	23.00	23.25	23.50	23.25
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	100	100	100	12.00	18.95	27.00	19.23
28 - Eastmaque Gold Mines	PR 0100	4	FH	100	100	100	11.90	16.68	22.30	16.89
57 - Cameco, Refinery, Port Hope	SR 0200	2	FH	100	100	100	14.15	15.80	17.45	15.80
03 - Falconbridge, Falconbridge	PR 0100	4	FH	100	100	100	10.35	14.90	21.30	15.36
05 - Noranda Minerals, Geco Division	PR 0100	4	FH	100	100	100	13.10	14.68	17.70	15.04
14 - INCO, Shebandowan Mine	PR 0100	4	FH	100	100	100	10.90	14.35	16.50	14.03
39 - Giant Yellowknife, Pamour #1	PR 0100	4	FH	100	100	100	11.70	12.75	14.60	12.95
55 - Rio Algom, Quirke	PR 0100	4	FH	100	100	100	7.50	9.00	18.00	10.88
26 - Placer Dome, Dome Mine	PR 0100	3	FH	100	100	100	9.50	10.35	12.45	10.77
54 - Rio Algom, Pronto	SW 0100	3	FH	100	100	100	9.00	10.50	10.50	10.00
10 - INCO, Refinery, Sudbury	SR 0100	4	FH	100	100	100	6.00	9.05	10.00	8.53
09 - Falconbridge, Metallurgical	PR 0100	4	FH	100	100	75	4.07	6.28	13.05	7.42
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	FM	100	100	25	3.50	4.50	6.50	4.75
57 - Cameco, Refinery, Port Hope	SR 0100	2	FL	100	50	50	1.25	16.18	31.10	16.18
27 - Placer Dome, Dona Lake Mine	PR 0100	2	FL	100	50	0	1.05	2.25	3.45	2.25
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	FM	75	75	0	.75	2.88	4.15	2.66

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Chlorides - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
57 - Cameco, Refinery, Port Hope	SR 0100	2	50	1.00	1.13	1.25	1.13
57 - Cameco, Refinery, Port Hope	SR 0200	2	50	1.00	1.13	1.25	1.13
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.60	.60	.60	.60
16 - INCO, Whistle Mine	MW 0100	2	0	.60	.60	.60	.60
07 - INCO, Levack Mine	MW 0100	4	0	.60	.60	.60	.60
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.60	.60	.60	.60
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.60	.60	.60	.60
04 - INCO, Garson Mine	MW 0100	4	0	.60	.60	.60	.60
02 - INCO, Crean Hill Mine	MW 0100	4	0	.60	.60	.60	.60
14 - INCO, Shebandowan Mine	PR 0100	4	0	.60	.60	.60	.60
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.10	.55	1.00	.55
27 - Placer Dome, Dona Lake Mine	PR 0100	2	0	.37	.53	.70	.53
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.10	.60	.60	.48
55 - Rio Algom, Quirke	PR 0100	4	25	.15	.15	1.00	.36
42 - Renabie Gold Mines	PR 0100	3	0	.25	.25	.25	.25
32 - LAC Minerals, Macassa Division	PR 0100	3	0	.10	.10	.31	.17
56 - Cameco, Refinery, Blind River	SR 0300	3	0	.15	.15	.15	.15
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.15	.15	.15	.15
54 - Rio Algom, Pronto	SW 0100	3	0	.15	.15	.15	.15
53 - Rio Algom, Panel	PR 0100	4	0	.15	.15	.15	.15
58 - Rio Algom, Stanleigh	PR 0100	3	0	.15	.15	.15	.15
51 - Denison Mines, Denison Property	PR 0100	4	0	.15	.15	.15	.15
51 - Denison Mines, Denison Property	SW 0200	4	0	.15	.15	.15	.15
59 - Denison Mines, Stanrock	SW 0100	4	0	.15	.15	.15	.15
15 - Falconbridge, Strathcona	PR 0100	4	0	.10	.10	.14	.11
09 - Falconbridge, Metallurgical	PR 0100	3	0	.10	.10	.10	.10
06 - Falconbridge, Kidd Creek Mine	MW 0100	3	0	.10	.10	.10	.10
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.10	.10	.10	.10
26 - Placer Dome, Dome Mine	PR 0100	3	0	.10	.10	.10	.10
03 - Falconbridge, Falconbridge	PR 0100	4	0	.10	.10	.10	.10
12 - Falconbridge, Onaping	MW 0100	4	0	.10	.10	.10	.10
08 - Falconbridge, Lockerby	MW 0100	4	0	.10	.10	.10	.10
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.10	.10	.10	.10
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.10	.10	.10	.10
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.10	.10	.10	.10
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	.10	.10	.10	.10
35 - Canamax, Marhill Mine	MW 0100	3	0	.10	.10	.10	.10
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.10	.10	.10	.10
28 - Eastmaque Gold Mines	PR 0100	4	0	.10	.10	.10	.10
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Zinc - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.01 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
42 - Renabie Gold Mines	PR 0100	8	FH	100	100	100	59.90	126.00	323.00	167.10
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	21.00	31.00	88.00	46.70
17 - Minnova, Winston Lake Mine	PR 0100	100	FH	100	100	100	10.50	33.70	191.30	42.60
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	100	100	99	3.00	11.00	59.00	12.20
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FM	100	100	50	2.80	5.40	8.00	5.40
40 - Giant Yellowknife, P-S	MW 0100	16	FM	100	100	44	2.00	3.70	32.00	9.10
58 - Rio Algom, Stanleigh	PR 0100	11	FM	100	100	18	2.00	2.00	7.00	3.10
55 - Rio Algom, Quirke	PR 0100	12	FM	100	92	42	1.00	2.50	8.00	4.00
53 - Rio Algom, Panel	PR 0100	12	FM	100	83	25	1.00	2.90	17.30	4.90
09 - Falconbridge, Metallurgical	PR 0100	157	FH	99	99	98	.40	28.20	1,560.00	82.20
06 - Falconbridge, Kidd Creek Mine	MW 0100	148	FH	99	98	97	.30	63.20	1,300.00	123.00
05 - Noranda Minerals, Geco Division	PR 0100	138	FM	99	95	47	.50	4.60	35.80	6.00
35 - Canamax, Marhill Mine	MW 0100	12	FM	92	67	17	1.00	2.40	5.00	2.70
56 - Cameco, Refinery, Blind River	SR 0300	9	FL	89	44	22	.50	1.90	6.00	2.80
36 - American Barrick, McDermott	PR 0100	22	FL	86	36	0	.50	1.60	3.80	1.80
51 - Denison Mines, Denison Property	PR 0100	12	FM	83	58	25	.40	2.50	13.00	3.90
16 - INCO, Whistle Mine	MW 0100	89	FM	82	70	36	.60	3.20	55.20	7.40
11 - INCO, Nolin Creek T.P.	SW 0100	12	FM	75	67	33	.60	2.50	21.00	6.20
30 - Hemlo Gold Mines, Golden Giant	PR 0100	61	FL	70	43	3	.50	1.40	17.40	2.10
57 - Cameco, Refinery, Port Hope	SR 0300	9	FL	67	22	11	.50	1.20	7.50	2.00
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FL	58	8	8	.40	1.00	6.40	1.40
59 - Denison Mines, Stanrock	SW 0100	12	FL	50	25	0	.40	.90	4.60	1.30
54 - Rio Algom, Pronto	SW 0100	6	FL	50	0	0	1.00	1.00	1.10	1.00
57 - Cameco, Refinery, Port Hope	SR 0100	9	FL	44	11	0	.40	.90	3.20	1.20
57 - Cameco, Refinery, Port Hope	SR 0200	9	FL	44	0	0	.40	.80	1.90	1.00
32 - LAC Minerals, Macassa Division	PR 0100	158	FL	42	21	3	1.00	1.00	11.00	1.50
38 - LAC Minerals, Williams Mine	MW 0100	24	FL	42	4	0	.70	.70	4.40	1.10
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FL	41	34	27	1.00	1.00	81.00	7.10
38 - LAC Minerals, Williams Mine	PR 0200	65	IL	37	2	0	.20	.90	2.00	.90
08 - Falconbridge, Lockerby	MW 0100	154	IM	34	22	6	.30	1.00	23.00	1.70
15 - Falconbridge, Strathcona	PR 0100	156	IM	33	26	10	.40	1.00	177.00	2.80
03 - Falconbridge, Falconbridge	PR 0100	156	IM	31	19	5	.40	.90	42.50	1.90
10 - INCO, Refinery, Sudbury	SR 0100	156	IL	31	6	1	.60	.60	7.10	.90
26 - Placer Dome, Dome Mine	PR 0100	78	IM	29	19	8	1.00	1.00	20.00	1.90
13 - INCO, Refinery, Port Colborne	SR 0100	153	IL	29	8	1	.60	.60	5.80	.90
12 - Falconbridge, Onaping	MW 0100	154	IM	26	21	8	.40	.90	221.00	3.30
04 - INCO, Garson Mine	MW 0100	157	IL	26	13	0	.40	.60	3.60	.90
25 - Placer Dome, Detour Lake Mine	PR 0100	157	IL	23	11	1	1.00	1.00	8.00	1.20
02 - INCO, Crean Hill Mine	MW 0100	157	IM	20	11	6	.40	.60	600.00	39.00
24 - Teck - Corona, David Bell Mine	PR 0100	110	IL	19	2	0	.60	.70	3.60	.80
07 - INCO, Levack Mine	MW 0100	148	IL	17	6	1	.40	.60	5.20	.90
01 - INCO, Copper Cliff T.P.	PR 0100	156	IL	17	4	2	.40	.60	17.00	1.00

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Zinc - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	50	.30	1.30	9.70	3.20
12 - Falconbridge, Onaping	MW 0100	3	67	.40	1.70	6.00	2.70
19 - Dickenson, Arthur W. White Mine	PR 0100	3	33	1.00	1.00	3.00	1.70
57 - Cameco, Refinery, Port Hope	SR 0100	4	50	.40	1.60	2.70	1.60
09 - Falconbridge, Metallurgical	PR 0100	4	75	.30	1.90	2.10	1.50
16 - INCO, Whistle Mine	MW 0100	2	50	.60	1.30	2.00	1.30
57 - Cameco, Refinery, Port Hope	SR 0200	4	25	.40	.50	3.30	1.20
25 - Placer Dome, Detour Lake Mine	PR 0100	4	25	1.00	1.00	2.00	1.20
55 - Rio Algom, Quirke	PR 0100	4	25	.10	.10	3.80	1.10
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	25	.60	.60	2.20	1.00
08 - Falconbridge, Lockerby	MW 0100	3	67	.40	1.00	1.50	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	1.00	1.00	1.00	1.00
17 - Minnova, Winston Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
04 - INCO, Garson Mine	MW 0100	4	25	.60	.60	2.00	.90
53 - Rio Algom, Panel	PR 0100	4	25	.10	.10	2.80	.80
02 - INCO, Crean Hill Mine	MW 0100	4	25	.60	.60	1.40	.80
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.60	.60	.80	.70
03 - Falconbridge, Falconbridge	PR 0100	3	33	.40	.40	1.20	.70
15 - Falconbridge, Strathcona	PR 0100	3	33	.40	.40	1.20	.70
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.50	.70	1.00	.70
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.60	.60	.60	.60
07 - INCO, Levack Mine	MW 0100	3	0	.60	.60	.60	.60
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.60	.60	.60	.60
57 - Cameco, Refinery, Port Hope	SR 0300	4	0	.40	.40	.80	.50
58 - Rio Algom, Stanleigh	PR 0100	4	25	.10	.10	1.60	.50
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.10	.50	1.00	.50
42 - Renabie Gold Mines	PR 0100	3	0	.50	.50	.50	.50
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.20	.40	.40	.40
51 - Denison Mines, Denison Property	PR 0100	4	0	.40	.40	.40	.40
59 - Denison Mines, Stanrock	SW 0100	4	0	.40	.40	.40	.40
35 - Canamax, Marhill Mine	MW 0100	4	0	.20	.30	1.00	.40
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.10	.10	.80	.30
54 - Rio Algom, Pronto	SW 0100	3	0	.10	.10	.60	.30

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Copper - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.01 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	100	100	100	30.00	45.00	114.00	49.40
42 - Renabie Gold Mines	PR 0100	8	FH	100	100	100	8.10	31.50	62.00	32.00
25 - Placer Dome, Detour Lake Mine	PR 0100	157	FH	100	100	100	15.00	32.00	71.00	31.30
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	22.00	24.00	34.00	26.70
26 - Placer Dome, Dome Mine	PR 0100	78	FH	100	100	100	12.00	19.00	69.00	26.20
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FH	100	100	100	5.00	20.00	35.00	20.00
45 - St. Andrews Gold Fields	PR 0100	5	FH	100	100	100	5.20	14.00	21.00	14.40
01 - INCO, Copper Cliff T.P.	PR 0100	156	FH	100	100	99	4.30	18.70	78.30	20.80
36 - American Barrick, McDermott	PR 0100	22	FH	100	100	95	4.60	7.70	22.60	10.00
05 - Noranda Minerals, Geco Division	PR 0100	142	FH	99	99	95	1.00	14.00	93.00	18.10
13 - INCO, Refinery, Port Colborne	SR 0100	153	FH	99	95	85	.80	12.20	95.00	16.80
06 - Falconbridge, Kidd Creek Mine	MW 0100	148	FM	99	93	32	.30	3.60	29.70	5.30
32 - LAC Minerals, Macassa Division	PR 0100	158	FH	99	78	67	1.00	9.00	252.00	26.40
10 - INCO, Refinery, Sudbury	SR 0100	157	FH	96	91	72	.40	7.20	73.80	11.20
40 - Giant Yellowknife, P-S	MW 0100	16	FH	94	94	88	1.00	23.50	38.00	21.50
11 - INCO, Nolin Creek T.P.	SW 0100	12	FH	92	92	83	.60	17.00	356.00	72.40
55 - Rio Algom, Quirke	PR 0100	12	FM	92	67	8	1.00	2.00	5.00	2.20
16 - INCO, Whistle Mine	MW 0100	89	FM	91	72	40	.20	3.40	31.60	7.00
58 - Rio Algom, Stanleigh	PR 0100	11	FL	91	45	0	1.00	1.50	3.00	1.70
54 - Rio Algom, Pronto	SW 0100	6	FM	83	67	0	1.00	2.00	3.00	1.80
17 - Minnova, Winston Lake Mine	PR 0100	100	FM	83	57	2	.60	2.00	24.50	2.30
09 - Falconbridge, Metallurgical	PR 0100	157	FM	82	54	27	.30	2.10	621.00	37.50
38 - LAC Minerals, Williams Mine	PR 0200	65	FM	80	65	22	.50	2.60	53.90	4.30
30 - Hemlo Gold Mines, Golden Giant	PR 0100	70	FM	80	57	9	1.00	2.20	38.00	3.00
53 - Rio Algom, Panel	PR 0100	12	FL	67	42	0	.80	1.10	2.70	1.50
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FL	64	44	26	1.00	1.20	215.00	9.10
15 - Falconbridge, Strathcona	PR 0100	156	FL	61	35	9	.30	1.00	54.00	2.30
35 - Canamax, Marhill Mine	MW 0100	12	FL	58	25	0	.30	1.00	4.00	1.40
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FL	58	25	0	.20	1.00	2.00	1.20
07 - INCO, Levack Mine	MW 0100	148	FL	57	26	9	.40	1.00	24.40	2.40
03 - Falconbridge, Falconbridge	PR 0100	156	FL	48	21	5	.30	1.00	12.00	1.50
38 - LAC Minerals, Williams Mine	MW 0100	24	FL	46	0	0	.70	.90	1.90	1.10
04 - INCO, Garson Mine	MW 0100	157	IL	36	15	3	.60	.60	15.20	1.30
28 - Eastmaque Gold Mines	PR 0100	156	IL	29	14	3	1.00	1.00	32.00	1.50
12 - Falconbridge, Onaping	MW 0100	154	IL	29	12	3	.30	.80	12.20	1.10
08 - Falconbridge, Lockerby	MW 0100	154	IL	27	9	3	.30	.70	26.50	1.10
24 - Teck - Corona, David Bell Mine	PR 0100	110	IL	24	7	4	.20	.60	31.60	1.40
39 - Giant Yellowknife, Pamour #1	PR 0200	22	IH	23	14	14	1.00	1.00	8.20	1.90
02 - INCO, Crean Hill Mine	MW 0100	157	IL	21	5	1	.40	.60	12.40	.90

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Copper - Travelling Blanks
Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
25 - Placer Dome, Detour Lake Mine	PR 0100	4	25	1.00	1.00	3.00	1.50
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
05 - Noranda Minerals, Geco Division	PR 0100	4	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	1.00	1.00	1.00	1.00
17 - Minnova, Winston Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
02 - INCO, Crean Hill Mine	MW 0100	4	25	.60	.60	1.80	.90
04 - INCO, Garson Mine	MW 0100	4	25	.60	.60	1.00	.70
35 - Canamax, Marhill Mine	MW 0100	4	25	.30	.60	1.20	.70
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.60	.60	.60	.60
16 - INCO, Whistle Mine	MW 0100	2	0	.60	.60	.60	.60
07 - INCO, Levack Mine	MW 0100	3	0	.60	.60	.60	.60
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.60	.60	.60	.60
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.60	.60	.60	.60
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.60	.60	.60	.60
12 - Falconbridge, Onaping	MW 0100	3	33	.30	.30	1.10	.60
42 - Renabie Gold Mines	PR 0100	3	0	.50	.50	.50	.50
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.40	.40	.40	.40
09 - Falconbridge, Metallurgical	PR 0100	4	0	.30	.30	.40	.30
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.30	.30	.30	.30
03 - Falconbridge, Falconbridge	PR 0100	3	0	.30	.30	.30	.30
08 - Falconbridge, Lockerby	MW 0100	3	0	.30	.30	.30	.30
15 - Falconbridge, Strathcona	PR 0100	3	0	.30	.30	.30	.30
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.20	.20	.20	.20
54 - Rio Algom, Pronto	SW 0100	3	0	.20	.20	.20	.20
55 - Rio Algom, Quirke	PR 0100	4	0	.20	.20	.20	.20
53 - Rio Algom, Panel	PR 0100	4	0	.20	.20	.20	.20
58 - Rio Algom, Stanleigh	PR 0100	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Nickel - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.02 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
11 - INCO, Nolin Creek T.P.	SW 0100	12	FH	100	100	100	8.30	63.50	565.00	136.20
10 - INCO, Refinery, Sudbury	SR 0100	157	FH	100	100	100	6.30	26.60	146.50	36.05
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	12.00	12.50	17.00	13.85
26 - Placer Dome, Dome Mine	PR 0100	78	FH	100	100	100	9.50	14.00	17.00	13.80
16 - INCO, Whistle Mine	MW 0100	89	FH	100	100	98	3.60	32.90	565.00	110.70
04 - INCO, Garson Mine	MW 0100	157	FH	100	100	93	2.60	14.70	201.00	26.70
29 - Giant Yellowknife, ERG Res.	PR 0100	2	FM	100	100	50	2.30	4.65	7.00	4.65
40 - Giant Yellowknife, P-S	MW 0100	16	FM	100	100	6	2.00	2.40	6.00	2.70
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	100	99	99	1.50	27.50	44.00	27.85
03 - Falconbridge, Falconbridge	PR 0100	156	FH	100	99	99	1.90	16.50	29.00	15.80
13 - INCO, Refinery, Port Colborne	SR 0100	153	FH	100	99	78	1.30	8.00	37.80	9.25
02 - INCO, Crean Hill Mine	MW 0100	157	FH	100	99	66	1.70	6.10	104.00	9.55
15 - Falconbridge, Strathcona	PR 0100	156	FH	100	97	78	1.15	9.50	122.50	13.50
53 - Rio Algom, Panel	PR 0100	12	FM	100	92	33	1.50	4.25	7.00	3.80
55 - Rio Algom, Quirke	PR 0100	12	FM	100	92	25	1.25	3.55	8.00	4.05
58 - Rio Algom, Stanleigh	PR 0100	11	FM	100	82	9	1.00	2.50	6.50	2.80
35 - Canamax, Marhill Mine	MW 0100	12	FL	100	50	0	1.00	1.75	4.55	2.45
01 - INCO, Copper Cliff T.P.	PR 0100	156	FH	99	99	97	.30	24.10	452.50	30.65
14 - INCO, Shebandowan Mine	PR 0100	154	FH	99	98	98	.50	9.40	18.40	9.65
07 - INCO, Levack Mine	MW 0100	148	FH	99	91	74	.80	17.40	313.00	49.15
12 - Falconbridge, Onaping	MW 0100	154	FH	97	96	74	.50	9.75	56.50	12.40
08 - Falconbridge, Lockerby	MW 0100	154	FH	97	95	64	.50	6.50	20.50	7.20
38 - LAC Minerals, Williams Mine	PR 0200	65	FL	97	42	3	.80	1.70	5.50	2.00
24 - Teck - Corona, David Bell Mine	PR 0100	110	FL	92	45	0	.60	1.75	4.75	1.95
25 - Placer Dome, Detour Lake Mine	PR 0100	157	FL	88	4	1	.50	1.00	10.50	1.20
51 - Denison Mines, Denison Property	PR 0100	12	FL	83	33	0	.45	1.60	4.45	2.05
30 - Hemlo Gold Mines, Golden Giant	PR 0100	70	FM	81	69	26	.50	3.65	7.50	3.40
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FM	79	52	28	.50	2.00	85.00	6.00
32 - LAC Minerals, Macassa Division	PR 0100	158	FM	67	57	21	.50	2.00	12.00	2.95
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FL	67	8	0	.75	1.00	2.00	1.15
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FL	64	41	0	.50	1.30	3.80	1.60
42 - Renabie Gold Mines	PR 0100	8	FL	63	0	0	.50	1.05	1.60	1.05
45 - St. Andrews Gold Fields	PR 0100	5	FL	60	20	0	.25	1.30	2.10	1.15
09 - Falconbridge, Metallurgical	PR 0100	157	IL	16	5	0	.50	.50	4.75	.80
05 - Noranda Minerals, Geco Division	PR 0100	142	IM	15	9	0	.50	.50	3.00	.80
17 - Minnova, Winston Lake Mine	PR 0100	100	IL	15	5	0	.50	.50	3.15	.70

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Nickel - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
24 - Teck - Corona, David Bell Mine	PR 0100	4	50	1.00	1.50	2.00	1.50
16 - INCO, Whistle Mine	MW 0100	2	50	.30	1.20	2.10	1.20
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	2	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.50	.75	1.00	.75
04 - INCO, Garson Mine	MW 0100	4	25	.30	.30	1.40	.60
09 - Falconbridge, Metallurgical	PR 0100	4	0	.50	.50	.50	.50
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	.50	.50	.50	.50
11 - INCO, Nolin Creek T.P.	SW 0100	4	25	.30	.30	1.20	.50
03 - Falconbridge, Falconbridge	PR 0100	3	0	.50	.50	.50	.50
12 - Falconbridge, Onaping	MW 0100	3	0	.50	.50	.50	.50
08 - Falconbridge, Lockerby	MW 0100	3	0	.50	.50	.50	.50
15 - Falconbridge, Strathcona	PR 0100	3	0	.50	.50	.50	.50
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.50	.50	.50	.50
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.50	.50	.50	.50
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	.50	.50	.50	.50
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.50	.50	.50	.50
51 - Denison Mines, Denison Property	PR 0100	4	0	.45	.45	.45	.45
35 - Canamax, Marhill Mine	MW 0100	4	0	.10	.15	1.00	.35
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.30	.30	.30	.30
07 - INCO, Levack Mine	MW 0100	3	0	.30	.30	.30	.30
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.30	.30	.30	.30
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.30	.30	.30	.30
02 - INCO, Crean Hill Mine	MW 0100	4	0	.30	.30	.30	.30
14 - INCO, Shebandowan Mine	PR 0100	3	0	.30	.30	.30	.30
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.25	.25	.25	.25
55 - Rio Algom, Quirke	PR 0100	4	0	.25	.25	.25	.25
53 - Rio Algom, Panel	PR 0100	4	0	.25	.25	.25	.25
58 - Rio Algom, Stanleigh	PR 0100	4	0	.25	.25	.25	.25
42 - Renabie Gold Mines	PR 0100	3	0	.25	.25	.25	.25

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Aluminum - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.03 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	4	FH	100	100	100	15.33	48.00	350.00	115.33
58 - Rio Algom, Stanleigh	PR 0100	4	FH	100	100	100	28.00	40.00	60.00	42.00
32 - LAC Minerals, Macassa Division	PR 0100	3	FH	100	100	100	6.33	12.67	38.67	19.23
46 - Algoma Steel, Ore Division	PR 0100	2	FH	100	100	100	8.83	10.90	13.00	10.90
54 - Rio Algom, Pronto	SW 0100	3	FH	100	100	100	7.33	9.33	9.33	8.67
55 - Rio Algom, Quirke	PR 0100	4	FH	100	100	75	4.33	11.83	29.00	14.27
59 - Denison Mines, Stanrock	SW 0100	4	FH	100	100	75	3.67	6.67	40.00	14.27
53 - Rio Algom, Panel	PR 0100	4	FH	100	100	75	4.67	7.17	18.67	9.40
57 - Cameco, Refinery, Port Hope	SR 0300	4	FH	100	100	75	2.60	6.83	20.67	9.23
15 - Falconbridge, Strathcona	PR 0100	4	FH	100	100	75	3.67	6.27	13.00	7.30
16 - INCO, Whistle Mine	MW 0100	2	FH	100	100	50	2.10	31.63	61.20	31.63
51 - Denison Mines, Denison Property	PR 0100	4	FH	100	100	50	3.67	8.17	13.67	8.40
39 - Giant Yellowknife, Pamour #1	PR 0100	4	FH	100	100	50	2.67	4.67	9.00	5.23
28 - Eastmaque Gold Mines	PR 0100	4	FH	100	100	50	3.00	4.50	7.33	4.83
09 - Falconbridge, Metallurgical	PR 0100	4	FH	100	100	25	2.07	3.73	8.83	4.60
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	FH	100	100	25	2.33	4.17	6.67	4.33
25 - Placer Dome, Detour Lake Mine	PR 0100	4	FH	100	100	25	2.00	3.17	5.67	3.50
57 - Cameco, Refinery, Port Hope	SR 0100	4	FH	100	75	75	1.73	5.33	8.00	5.10
11 - INCO, Nolin Creek T.P.	SW 0100	4	FH	100	75	50	1.40	6.87	18.63	8.43
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	FH	100	75	25	1.47	3.17	7.87	3.93
03 - Falconbridge, Falconbridge	PR 0100	4	FH	100	75	25	1.33	3.00	7.33	3.67
14 - INCO, Shebandowan Mine	PR 0100	4	FH	100	75	0	1.37	3.37	4.53	3.17
17 - Minnova, Winston Lake Mine	PR 0100	4	FH	100	75	0	1.00	2.50	3.33	2.33
24 - Teck - Corona, David Bell Mine	PR 0100	4	FH	100	75	0	1.67	2.17	2.67	2.17
38 - LAC Minerals, Williams Mine	PR 0200	2	FL	100	0	0	1.67	1.67	1.67	1.67
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	FL	100	0	0	1.00	1.17	1.33	1.17
19 - Dickenson, Arthur W. White Mine	PR 0100	4	FH	75	75	50	.10	8.17	20.00	9.10
12 - Falconbridge, Onaping	MW 0100	4	FH	75	75	50	1.00	6.00	21.50	8.63
57 - Cameco, Refinery, Port Hope	SR 0200	4	FH	75	75	50	.67	5.73	11.33	5.87
05 - Noranda Minerals, Geco Division	PR 0100	4	FH	75	75	50	1.00	5.00	8.00	4.73
08 - Falconbridge, Lockerby	MW 0100	4	FH	75	75	25	1.00	3.90	8.17	4.23
56 - Cameco, Refinery, Blind River	SR 0300	4	FL	75	50	25	.30	1.80	6.33	2.57
51 - Denison Mines, Denison Property	SW 0200	4	FL	75	25	0	.73	1.40	2.13	1.43
42 - Renabie Gold Mines	PR 0100	3	FH	67	67	67	.10	5.00	6.33	3.80
26 - Placer Dome, Dome Mine	PR 0100	3	FL	67	33	0	1.00	1.67	2.00	1.57

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Aluminum - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	100	1.30	1.67	2.37	1.77
09 - Falconbridge, Metallurgical	PR 0100	3	67	.83	1.30	3.00	1.70
46 - Algoma Steel, Ore Division	PR 0100	1	100	1.40	1.40	1.40	1.40
12 - Falconbridge, Onaping	MW 0100	4	25	1.00	1.00	1.67	1.17
05 - Noranda Minerals, Geco Division	PR 0100	4	25	1.00	1.00	1.33	1.07
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
32 - LAC Minerals, Macassa Division	PR 0100	3	0	1.00	1.00	1.00	1.00
03 - Falconbridge, Falconbridge	PR 0100	4	0	1.00	1.00	1.00	1.00
08 - Falconbridge, Lockerby	MW 0100	4	0	1.00	1.00	1.00	1.00
15 - Falconbridge, Strathcona	PR 0100	4	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	1.00	1.00	1.00	1.00
17 - Minnova, Winston Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
53 - Rio Algom, Panel	PR 0100	4	25	.30	.30	2.87	.97
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.67	.83	1.00	.83
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.10	.53	1.00	.53
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.30	.30	.93	.47
16 - INCO, Whistle Mine	MW 0100	2	0	.30	.40	.50	.40
54 - Rio Algom, Pronto	SW 0100	3	0	.30	.33	.47	.37
57 - Cameco, Refinery, Port Hope	SR 0300	4	0	.30	.30	.43	.33
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.30	.30	.40	.33
59 - Denison Mines, Stanrock	SW 0100	4	0	.30	.30	.40	.33
14 - INCO, Shebandowan Mine	PR 0100	4	0	.30	.30	.47	.33
35 - Canamax, Marhill Mine	MW 0100	3	0	.33	.33	.33	.33
57 - Cameco, Refinery, Port Hope	SR 0100	4	0	.30	.30	.33	.30
57 - Cameco, Refinery, Port Hope	SR 0200	4	0	.30	.30	.33	.30
55 - Rio Algom, Quirke	PR 0100	4	0	.30	.30	.33	.30
58 - Rio Algom, Stanleigh	PR 0100	4	0	.30	.30	.33	.30
51 - Denison Mines, Denison Property	PR 0100	4	0	.30	.30	.33	.30
51 - Denison Mines, Denison Property	SW 0200	4	0	.30	.30	.33	.30
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.30	.30	.30	.30
42 - Renabie Gold Mines	PR 0100	3	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Cyanide Total - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.005 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	100	100	100	110.00	155.00	340.00	190.00
21 - Canamax, Bell Creek Mine	PR 0100	41	FH	100	100	100	12.80	29.20	214.00	58.20
38 - LAC Minerals, Williams Mine	PR 0200	47	FH	100	100	100	5.80	15.60	132.20	23.40
42 - Renabie Gold Mines	PR 0100	84	FH	100	100	99	2.00	124.60	3,140.00	574.60
09 - Falconbridge, Metallurgical	PR 0100	156	FH	100	100	98	3.00	200.80	1,464.00	258.80
26 - Placer Dome, Dome Mine	PR 0100	78	FH	100	100	97	2.00	9.00	160.00	18.20
30 - Hemlo Gold Mines, Golden Giant	PR 0100	20	FH	100	100	95	4.20	18.80	82.40	25.20
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	134	FH	100	100	79	2.60	8.00	17.80	8.20
24 - Teck - Corona, David Bell Mine	PR 0100	110	FH	100	99	73	1.60	10.80	384.00	23.40
45 - St. Andrews Gold Fields	PR 0100	61	FH	100	98	74	1.80	11.80	70.00	22.60
29 - Giant Yellowknife, ERG Res.	PR 0100	18	FH	100	94	56	1.80	11.20	196.00	44.00
31 - Canamax, Kremzar Mine	PR 0100	47	FH	100	87	70	1.40	7.20	16.00	7.00
36 - American Barrick, McDermott	PR 0100	22	FH	100	59	0	1.20	2.00	3.00	2.00
55 - Rio Algom, Quirke	PR 0100	4	FL	100	50	50	1.00	4.60	10.60	5.20
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	99	98	90	1.00	26.40	151.40	36.20
25 - Placer Dome, Detour Lake Mine	PR 0100	157	FH	98	94	54	1.00	5.40	74.80	6.60
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FH	95	91	82	1.00	19.20	197.40	45.80
32 - LAC Minerals, Macassa Division	PR 0100	158	FH	93	87	84	1.00	23.00	8,560.00	188.40
12 - Falconbridge, Onaping	MW 0100	95	FL	91	46	0	1.00	1.80	3.60	1.80
28 - Eastmaque Gold Mines	PR 0100	156	FH	89	74	63	1.00	14.60	175.40	29.40
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FM	81	67	47	1.00	4.60	7,520.00	132.60
03 - Falconbridge, Falconbridge	PR 0100	95	FL	77	20	0	1.00	1.40	4.40	1.60
01 - INCO, Copper Cliff T.P.	PR 0100	156	FM	71	58	21	1.00	2.20	14.80	3.20
08 - Falconbridge, Lockerby	MW 0100	94	FL	56	7	0	1.00	1.20	3.40	1.40
15 - Falconbridge, Strathcona	PR 0100	156	FL	40	5	0	1.00	1.00	3.60	1.20
05 - Noranda Minerals, Geco Division	PR 0100	142	IH	25	18	11	.20	.20	64.80	3.20
27 - Placer Dome, Dona Lake Mine	PR 0100	60	IM	23	15	3	.80	.80	8.40	1.20

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Cyanide Total - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
42 - Renabie Gold Mines	PR 0100	3	33	.40	.40	4.80	1.80
09 - Falconbridge, Metallurgical	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	1.00	1.00	1.00	1.00
03 - Falconbridge, Falconbridge	PR 0100	4	0	1.00	1.00	1.00	1.00
12 - Falconbridge, Onaping	MW 0100	4	0	1.00	1.00	1.00	1.00
08 - Falconbridge, Lockerby	MW 0100	4	0	1.00	1.00	1.00	1.00
15 - Falconbridge, Strathcona	PR 0100	3	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.20	1.00	1.00	.80
27 - Placer Dome, Dona Lake Mine	PR 0100	1	0	.80	.80	.80	.80
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.20	.60	1.00	.60
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.20	.60	1.00	.60
05 - Noranda Minerals, Geco Division	PR 0100	3	0	.20	.20	1.00	.40
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.20	.20	.20	.20
55 - Rio Algom, Quirke	PR 0100	4	0	.20	.20	.20	.20
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.20	.20	.40	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Phenolics (4AAP) - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 2.0 ug/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FH	100	100	100	35.25	58.88	82.50	58.88
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FH	100	100	90	2.00	21.33	334.00	61.85
36 - American Barrick, McDermott	PR 0100	3	FH	100	100	67	4.00	9.50	12.00	8.50
10 - INCO, Refinery, Sudbury	SR 0100	12	FH	100	92	83	1.50	9.60	37.50	12.00
02 - INCO, Crean Hill Mine	MW 0100	12	FH	92	58	0	1.00	2.08	3.05	2.13
08 - Falconbridge, Lockerby	MW 0100	11	FH	91	91	36	1.00	4.50	12.25	5.02
07 - INCO, Levack Mine	MW 0100	11	FL	91	45	9	1.00	1.90	7.50	2.33
09 - Falconbridge, Metallurgical	PR 0100	12	FH	83	58	0	1.00	2.25	3.50	2.25
01 - INCO, Copper Cliff T.P.	PR 0100	12	FL	83	42	25	1.00	1.50	16.50	3.52
14 - INCO, Shebandowan Mine	PR 0100	12	FL	83	25	17	1.00	1.50	45.50	7.10
11 - INCO, Nolin Creek T.P.	SW 0100	12	FL	83	25	8	.50	1.50	5.00	1.75
15 - Falconbridge, Strathcona	PR 0100	11	FH	82	73	36	1.00	4.50	9.75	4.50
28 - Eastmaque Gold Mines	PR 0100	13	FH	77	54	15	1.00	2.15	132.50	19.93
32 - LAC Minerals, Macassa Division	PR 0100	12	FH	75	75	33	1.00	3.05	11.80	4.45
13 - INCO, Refinery, Port Colborne	SR 0100	12	FL	75	8	8	.50	1.50	7.00	1.81
06 - Falconbridge, Kidd Creek Mine	MW 0100	11	FH	73	55	36	1.00	3.00	9.00	3.45
12 - Falconbridge, Onaping	MW 0100	10	FH	70	70	40	1.00	3.13	12.75	5.35
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	10	FL	70	30	0	1.00	1.25	3.50	1.55
56 - Cameco, Refinery, Blind River	SR 0300	9	FH	67	67	22	.10	2.00	14.00	3.59
51 - Denison Mines, Denison Property	PR 0100	12	FL	67	25	0	.50	1.00	4.50	1.50
19 - Dickenson, Arthur W. White Mine	PR 0100	11	FH	64	55	55	.10	16.50	138.00	39.71
03 - Falconbridge, Falconbridge	PR 0100	12	FH	58	58	42	1.00	4.18	13.00	4.45
59 - Denison Mines, Stanrock	SW 0100	12	FL	50	25	0	.15	.75	3.50	1.22
16 - INCO, Whistle Mine	MW 0100	8	FL	50	13	0	.50	1.25	4.45	1.54
04 - INCO, Garson Mine	MW 0100	12	FL	50	8	0	.50	1.25	2.00	1.17
51 - Denison Mines, Denison Property	SW 0200	12	FL	50	8	0	.15	.75	3.00	1.01
05 - Noranda Minerals, Geco Division	PR 0100	12	FL	50	0	0	.50	.85	1.50	.81
55 - Rio Algom, Quirke	PR 0100	12	IL	33	8	0	.10	.50	2.00	.67

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Phenolics (4AAP) - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
19 - Dickenson, Arthur W. White Mine	PR 0100	4	50	.10	1.13	14.50	4.21
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	75	1.00	1.25	11.50	3.75
09 - Falconbridge, Metallurgical	PR 0100	4	50	1.00	1.75	2.50	1.75
15 - Falconbridge, Strathcona	PR 0100	3	67	1.00	2.00	2.25	1.75
14 - INCO, Shebandowan Mine	PR 0100	3	67	1.00	1.50	1.50	1.33
08 - Falconbridge, Lockerby	MW 0100	3	67	1.00	1.50	1.50	1.33
12 - Falconbridge, Onaping	MW 0100	3	33	1.00	1.00	1.75	1.25
13 - INCO, Refinery, Port Colborne	SR 0100	3	67	.50	1.50	1.50	1.17
07 - INCO, Levack Mine	MW 0100	3	67	.50	1.50	1.50	1.17
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
16 - INCO, Whistle Mine	MW 0100	2	50	.50	1.00	1.50	1.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	50	.50	1.00	1.50	1.00
10 - INCO, Refinery, Sudbury	SR 0100	4	50	.50	1.00	1.50	1.00
04 - INCO, Garson Mine	MW 0100	4	50	.50	1.00	1.50	1.00
02 - INCO, Crean Hill Mine	MW 0100	4	50	.50	1.00	1.50	1.00
03 - Falconbridge, Falconbridge	PR 0100	3	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	25	.50	.50	1.50	.75
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.55	1.00	.55
05 - Noranda Minerals, Geco Division	PR 0100	2	0	.50	.50	.50	.50
55 - Rio Algom, Quirke	PR 0100	5	0	.15	.50	.50	.43
51 - Denison Mines, Denison Property	PR 0100	4	0	.15	.33	.50	.33
51 - Denison Mines, Denison Property	SW 0200	4	0	.15	.33	.50	.33
59 - Denison Mines, Stanrock	SW 0100	4	0	.15	.33	.50	.33
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.15	.15	.15	.15

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Cobalt - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.02 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
21 - Canamax, Bell Creek Mine	PR 0100	3	FM	100	100	0	3.70	3.90	4.05	3.90
55 - Rio Algom, Quirke	PR 0100	12	FM	100	83	17	1.90	3.50	6.00	3.50
58 - Rio Algom, Stanleigh	PR 0100	11	FM	100	55	0	1.50	2.00	3.50	2.15
13 - INCO, Refinery, Port Colborne	SR 0100	12	FM	92	75	0	.30	2.45	3.75	2.45
19 - Dickenson, Arthur W. White Mine	PR 0100	10	FM	90	90	0	1.00	3.00	4.00	3.10
16 - INCO, Whistle Mine	MW 0100	8	FL	88	50	50	.40	6.20	19.15	7.55
53 - Rio Algom, Panel	PR 0100	12	FM	83	83	8	.75	2.75	5.50	2.80
01 - INCO, Copper Cliff T.P.	PR 0100	12	FL	83	50	0	.15	1.85	3.70	1.95
54 - Rio Algom, Pronto	SW 0100	6	FL	83	33	17	1.00	1.15	12.00	3.05
10 - INCO, Refinery, Sudbury	SR 0100	12	FL	83	17	0	.70	1.35	3.20	1.55
26 - Placer Dome, Dome Mine	PR 0100	11	FL	64	27	0	1.00	1.00	3.50	1.55
11 - INCO, Nolin Creek T.P.	SW 0100	12	FM	58	58	33	.30	2.45	17.00	4.75
32 - LAC Minerals, Macassa Division	PR 0100	12	FL	58	33	0	.50	1.25	3.00	1.45
51 - Denison Mines, Denison Property	PR 0100	12	FL	58	17	0	.20	1.15	3.15	1.30
25 - Placer Dome, Detour Lake Mine	PR 0100	12	FL	58	8	0	1.00	1.00	2.50	1.15
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FL	50	30	0	.50	1.05	4.50	1.45
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FL	50	17	0	.40	1.00	3.00	1.30
03 - Falconbridge, Falconbridge	PR 0100	12	FL	50	8	0	.35	1.00	2.00	1.00
38 - LAC Minerals, Williams Mine	PR 0200	6	FL	50	0	0	1.00	1.00	1.00	1.00
12 - Falconbridge, Onaping	MW 0100	4	FL	75	50	0	1.00	1.70	4.50	2.25

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Cobalt - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.50	.75	1.00	.75
19 - Dickenson, Arthur W. White Mine	PR 0100	3	0	.10	.10	1.00	.40
03 - Falconbridge, Falconbridge	PR 0100	3	0	.20	.20	.20	.20
13 - INCO, Refinery, Port Colborne	SR 0100	3	0	.15	.15	.15	.15
16 - INCO, Whistle Mine	MW 0100	2	0	.15	.15	.15	.15
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.15	.15	.15	.15
54 - Rio Algom, Pronto	SW 0100	3	0	.15	.15	.15	.15
55 - Rio Algom, Quirke	PR 0100	4	0	.15	.15	.15	.15
53 - Rio Algom, Panel	PR 0100	4	0	.15	.15	.15	.15
58 - Rio Algom, Stanleigh	PR 0100	4	0	.15	.15	.15	.15
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.15	.15	.15	.15
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.15	.15	.15	.15
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	.15	.15	.15	.15
51 - Denison Mines, Denison Property	PR 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

TOC, Total Organic Carbon - Monitoring Samples:

RMDL = 5.0 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	100	100	100	7.20	8.20	9.80	8.35
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	FH	100	100	50	3.40	5.30	6.80	5.20
19 - Dickenson, Arthur W. White Mine	PR 0100	4	FH	100	100	0	3.29	3.97	4.20	3.85
25 - Placer Dome, Detour Lake Mine	PR 0100	4	FH	100	75	0	1.84	2.88	3.64	2.81
42 - Renabie Gold Mines	PR 0100	3	FH	100	67	33	1.86	3.30	5.02	3.39
32 - LAC Minerals, Macassa Division	PR 0100	3	FH	100	67	0	1.14	2.06	3.08	2.09
39 - Giant Yellowknife, Pamour #1	PR 0100	4	FL	100	50	25	1.04	1.78	10.40	3.75
28 - Eastmaque Gold Mines	PR 0100	4	FL	100	0	0	1.30	1.59	1.84	1.58
05 - Noranda Minerals, Geco Division	PR 0100	4	FL	100	0	0	1.34	1.46	1.58	1.46
26 - Placer Dome, Dome Mine	PR 0100	3	FL	100	0	0	1.22	1.42	1.70	1.45
17 - Minnova, Winston Lake Mine	PR 0100	4	FL	100	0	0	1.08	1.22	1.42	1.23
14 - INCO, Shebandowan Mine	PR 0100	4	FL	100	0	0	1.01	1.18	1.28	1.16
38 - LAC Minerals, Williams Mine	PR 0200	2	FL	100	0	0	1.00	1.00	1.00	1.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	FL	75	0	0	.64	1.14	1.22	1.04
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	FL	75	0	0	.10	1.06	1.80	1.01
03 - Falconbridge, Falconbridge	PR 0100	4	FL	75	0	0	.12	1.03	1.14	.83
13 - INCO, Refinery, Port Colborne	SR 0100	3	FL	67	0	0	.80	1.16	1.92	1.29

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

TOC, Total Organic Carbon - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
14 - INCO, Shebandowan Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.28	.64	1.00	.64
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	25	.10	.35	1.00	.45
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.40	.40	.40	.40
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.19	.80	.32
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.10	.11	.42	.19
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.10	.19	.28	.19
42 - Renabie Gold Mines	PR 0100	3	0	.16	.20	.20	.19
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.10	.10	.20	.13
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.10	.10	.14	.11
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.10	.10	.12	.11
26 - Placer Dome, Dome Mine	PR 0100	3	0	.10	.10	.10	.10
32 - LAC Minerals, Macassa Division	PR 0100	3	0	.10	.10	.10	.10
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.10	.10	.10	.10
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.10	.10	.10	.10
03 - Falconbridge, Falconbridge	PR 0100	4	0	.10	.10	.10	.10
28 - Eastmaque Gold Mines	PR 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Cyanide (WAD) - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.005 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	100	100	100	90.00	148.00	300.00	171.40
09 - Falconbridge, Metallurgical	PR 0100	4	FM	100	100	0	4.00	4.00	4.00	4.00
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	FM	100	100	0	4.00	4.00	4.00	4.00
38 - LAC Minerals, Williams Mine	PR 0200	65	FH	100	97	65	1.40	7.40	121.40	14.20
26 - Placer Dome, Dome Mine	PR 0100	78	FH	100	95	69	1.00	7.20	120.00	12.80
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	96	93	82	.20	12.60	91.00	17.20
24 - Teck - Corona, David Bell Mine	PR 0100	110	FM	96	73	45	.80	4.20	294.00	14.40
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	134	FL	96	40	1	.20	1.80	5.20	2.00
45 - St. Andrews Gold Fields	PR 0100	61	FH	95	75	56	.20	6.00	64.00	7.40
42 - Renabie Gold Mines	PR 0100	84	FH	90	88	86	.40	43.40	2,640.00	432.80
31 - Canamax, Kremzar Mine	PR 0100	47	FL	68	28	6	.40	1.40	10.00	1.80
32 - LAC Minerals, Macassa Division	PR 0100	157	FM	62	55	39	1.00	2.40	3,780.00	70.00
21 - Canamax, Bell Creek Mine	PR 0100	41	FM	61	59	49	.20	4.40	166.00	26.40
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FL	59	50	36	1.00	1.80	80.20	11.60
28 - Eastmaque Gold Mines	PR 0100	156	FL	56	46	31	1.00	1.60	27.80	5.20
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FL	51	44	31	1.00	1.00	7,520.00	115.20
29 - Giant Yellowknife, ERG Res.	PR 0100	18	IH	39	39	39	1.00	1.00	94.20	19.20
36 - American Barrick, McDermott	PR 0100	22	IL	27	5	0	.40	.40	2.00	.80

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Cyanide (WAD) - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
09 - Falconbridge, Metallurgical	PR 0100	3	100	4.00	4.00	4.00	4.00
06 - Falconbridge, Kidd Creek Mine	MW 0100	3	100	4.00	4.00	4.00	4.00
42 - Renabie Gold Mines	PR 0100	3	100	4.00	4.00	4.00	4.00
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.20	.60	1.00	.60
38 - LAC Minerals, Williams Mine	PR 0200	2	0	.20	.60	1.00	.60
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.20	.20	1.00	.40
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.20	.20	.20	.20
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Arsenic - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.005 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
19 - Dickenson, Arthur W. White Mine	PR 0100	136	FH	100	100	100	156.40	194.40	448.00	220.20
21 - Canamax, Bell Creek Mine	PR 0100	3	FH	100	100	100	60.00	80.00	106.00	82.00
38 - LAC Minerals, Williams Mine	MW 0100	24	FH	100	100	75	3.60	9.40	16.00	9.40
13 - INCO, Refinery, Port Colborne	SR 0100	152	FH	100	99	91	1.60	19.00	67.20	21.40
39 - Giant Yellowknife, Pamour #1	PR 0200	22	FL	100	41	0	1.20	1.80	2.80	1.80
35 - Canamax, Marhill Mine	MW 0100	8	FH	88	88	88	.40	28.60	36.00	23.60
51 - Denison Mines, Denison Property	PR 0100	12	FH	83	83	83	.60	5.80	8.60	5.20
39 - Giant Yellowknife, Pamour #1	PR 0100	116	FH	81	64	19	1.00	2.40	32.60	3.80
45 - St. Andrews Gold Fields	PR 0100	5	FL	80	40	0	.80	1.40	4.00	1.80
26 - Placer Dome, Dome Mine	PR 0100	78	FL	49	5	0	1.00	1.00	2.80	1.20
10 - INCO, Refinery, Sudbury	SR 0100	157	FL	43	14	6	.20	.80	9.60	1.40
09 - Falconbridge, Metallurgical	PR 0100	157	IH	24	15	10	.40	.40	66.00	3.40
03 - Falconbridge, Falconbridge	PR 0100	156	IL	20	10	1	.40	.80	19.00	1.00

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Arsenic - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	1.00	1.00	1.00	1.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	3	0	.80	1.00	1.00	1.00
51 - Denison Mines, Denison Property	PR 0100	4	0	.60	.60	.60	.60
09 - Falconbridge, Metallurgical	PR 0100	4	0	.40	.40	.60	.40
03 - Falconbridge, Falconbridge	PR 0100	3	0	.40	.40	.40	.40
35 - Canamax, Marhill Mine	MW 0100	4	0	.40	.40	.40	.40
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.20	.20	.20	.20
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Total phosphorus - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.1 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
39 - Giant Yellowknife, Pamour #1	PR 0200	2	FH	100	100	100	6.40	7.20	8.00	7.20
38 - LAC Minerals, Williams Mine	MW 0100	2	FM	100	100	0	2.60	3.15	3.70	3.15
39 - Giant Yellowknife, Pamour #1	PR 0100	10	FM	100	90	30	1.00	4.55	7.60	4.35
36 - American Barrick, McDermott	PR 0100	3	FM	100	67	0	1.50	2.00	2.30	1.93
21 - Canamax, Bell Creek Mine	PR 0100	3	FL	100	0	0	1.15	1.20	1.27	1.21
45 - St. Andrews Gold Fields	PR 0100	5	FL	60	0	0	.87	1.10	1.90	1.24
51 - Denison Mines, Denison Property	PR 0100	12	FL	50	0	0	.69	.85	1.80	1.00
57 - Cameco, Refinery, Port Hope	SR 0200	9	FL	44	11	0	.69	.70	2.40	.98
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	10	IL	40	10	0	.10	.48	2.00	.80
12 - Falconbridge, Onaping	MW 0100	10	IL	40	0	0	.50	1.00	1.80	1.01
42 - Renabie Gold Mines	PR 0100	8	IH	38	13	13	.10	.75	6.70	1.42
19 - Dickenson, Arthur W. White Mine	PR 0100	11	IM	36	36	9	.10	.10	5.60	1.53

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Total phosphorus - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
38 - LAC Minerals, Williams Mine	MW 0100	1	0	1.00	1.00	1.00	1.00
39 - Giant Yellowknife, Pamour #1	PR 0100	4	0	.60	.80	1.00	.80
57 - Cameco, Refinery, Port Hope	SR 0200	4	0	.69	.69	.69	.69
51 - Denison Mines, Denison Property	PR 0100	4	0	.69	.69	.70	.69
39 - Giant Yellowknife, Pamour #1	PR 0200	1	0	.60	.60	.60	.60
19 - Dickenson, Arthur W. White Mine	PR 0100	4	25	.10	.10	1.80	.53
12 - Falconbridge, Onaping	MW 0100	3	0	.30	.30	.40	.33
42 - Renabie Gold Mines	PR 0100	3	0	.20	.20	.20	.20
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	0	.10	.10	.10	.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Thiocyanates, Filtered - Monitoring Samples:

RMDL = 5.0 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
05 - Noranda Minerals, Geco Division	PR 0100	4	FH	100	100	75	4.80	5.10	5.80	5.20
13 - INCO, Refinery, Port Colborne	SR 0100	4	FL	100	0	0	2.00	2.00	2.00	2.00
16 - INCO, Whistle Mine	MW 0100	2	FL	100	0	0	2.00	2.00	2.00	2.00
07 - INCO, Levack Mine	MW 0100	3	FL	100	0	0	2.00	2.00	2.00	2.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	FL	100	0	0	2.00	2.00	2.00	2.00
10 - INCO, Refinery, Sudbury	SR 0100	4	FL	100	0	0	2.00	2.00	2.00	2.00
04 - INCO, Garson Mine	MW 0100	4	FL	100	0	0	2.00	2.00	2.00	2.00
02 - INCO, Crean Hill Mine	MW 0100	4	FL	100	0	0	2.00	2.00	2.00	2.00
14 - INCO, Shebandowan Mine	PR 0100	4	FL	100	0	0	2.00	2.00	2.00	2.00
25 - Placer Dome, Detour Lake Mine	PR 0100	12	FH	75	58	8	.20	2.00	10.00	2.72
11 - INCO, Nolin Creek T.P.	SW 0100	4	FL	75	0	0	.28	2.00	2.00	1.57
32 - LAC Minerals, Macassa Division	PR 0100	12	IM	33	25	0	.10	.14	2.74	.87

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Thiocyanates, Filtered - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
13 - INCO, Refinery, Port Colborne	SR 0100	4	100	2.00	2.00	2.00	2.00
16 - INCO, Whistle Mine	MW 0100	2	100	2.00	2.00	2.00	2.00
07 - INCO, Levack Mine	MW 0100	3	100	2.00	2.00	2.00	2.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	100	2.00	2.00	2.00	2.00
10 - INCO, Refinery, Sudbury	SR 0100	4	100	2.00	2.00	2.00	2.00
04 - INCO, Garson Mine	MW 0100	4	100	2.00	2.00	2.00	2.00
02 - INCO, Crean Hill Mine	MW 0100	4	100	2.00	2.00	2.00	2.00
14 - INCO, Shebandowan Mine	PR 0100	4	100	2.00	2.00	2.00	2.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	75	.10	2.00	2.00	1.53
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.20	.20	.20	.20
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Uranium - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.02 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
55 - Rio Algom, Quirke	PR 0100	12	FH	100	100	67	2.50	6.00	24.00	7.35
53 - Rio Algom, Panel	PR 0100	12	FH	100	100	67	2.50	7.25	17.50	7.20
51 - Denison Mines, Denison Property	PR 0100	12	FH	100	92	75	1.30	6.50	10.50	6.50
58 - Rio Algom, Stanleigh	PR 0100	11	FH	91	91	9	1.00	3.00	5.00	3.00
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FH	83	75	0	1.00	2.00	3.50	1.95
57 - Cameco, Refinery, Port Hope	SR 0300	9	FL	78	44	0	.50	1.50	4.50	2.10
57 - Cameco, Refinery, Port Hope	SR 0100	9	FL	78	44	0	.50	1.50	2.50	1.50
57 - Cameco, Refinery, Port Hope	SR 0200	8	FL	75	25	0	.50	1.25	4.50	1.90
56 - Cameco, Refinery, Blind River	SR 0300	9	FH	67	56	11	.50	2.00	5.50	2.30
54 - Rio Algom, Pronto	SW 0100	6	FL	50	33	0	1.00	1.00	2.00	1.35
59 - Denison Mines, Stanrock	SW 0100	12	FL	50	0	0	.50	1.05	1.90	1.10

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Uranium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
52 - Rio Algom, Lacnor/Nordic	SW 0100	1	0	1.00	1.00	1.00	1.00
54 - Rio Algom, Pronto	SW 0100	1	0	1.00	1.00	1.00	1.00
55 - Rio Algom, Quirke	PR 0100	1	0	1.00	1.00	1.00	1.00
53 - Rio Algom, Panel	PR 0100	1	0	1.00	1.00	1.00	1.00
58 - Rio Algom, Stanleigh	PR 0100	1	0	1.00	1.00	1.00	1.00
57 - Cameco, Refinery, Port Hope	SR 0100	3	0	.50	.50	1.00	.65
57 - Cameco, Refinery, Port Hope	SR 0200	2	0	.50	.50	.50	.50
57 - Cameco, Refinery, Port Hope	SR 0300	1	0	.50	.50	.50	.50
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Lead - Monitoring Samples:

RMDL = 0.03 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
24 - Teck - Corona, David Bell Mine	PR 0100	110	FL	84	15	1	.53	1.33	7.33	1.43
55 - Rio Algom, Quirke	PR 0100	12	FL	83	17	0	.47	1.33	2.60	1.50
52 - Rio Algom, Lacnor/Nordic	SW 0100	12	FL	83	8	0	.57	1.33	2.03	1.27
58 - Rio Algom, Stanleigh	SR 0100	11	FL	82	36	0	.73	1.33	3.67	1.90
53 - Rio Algom, Panel	SR 0100	12	FL	67	25	0	.67	1.00	3.00	1.47
38 - LAC Minerals, Williams Mine	PR 0200	65	FL	55	0	0	.33	1.00	1.83	.97
35 - Canamax, Marhill Mine	MW 0100	12	FL	50	0	0	.33	1.00	1.67	.93
10 - INCO, Refinery, Sudbury	SR 0100	157	FL	46	14	0	.27	.87	4.40	1.10
30 - Hemlo Gold Mines, Golden Giant	PR 0100	63	IL	30	0	0	.33	.67	1.33	.73
19 - Dickenson, Arthur W. White Mine	PR 0100	136	IL	26	2	0	.10	1.00	4.33	1.07

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Lead - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	1	0	1.00	1.00	1.00	1.00
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.50	.50	.50	.50
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	0	.47	.47	.47	.47
55 - Rio Algom, Quirke	PR 0100	4	0	.47	.47	.47	.47
53 - Rio Algom, Panel	SR 0100	4	0	.47	.47	.47	.47
58 - Rio Algom, Stanleigh	SR 0100	4	0	.47	.47	.47	.47
35 - Canamax, Marhill Mine	MW 0100	4	0	.10	.37	1.00	.47

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Cadmium - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.002 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
09 - Falconbridge, Metallurgical	PR 0100	12	FM	100	67	50	1.50	5.00	32.00	8.00
06 - Falconbridge, Kidd Creek Mine	MW 0100	12	FL	83	50	17	1.00	2.00	24.50	4.00
19 - Dickenson, Arthur W. White Mine	PR 0100	10	FM	80	80	30	1.00	4.50	8.00	4.00
54 - Rio Algom, Pronto	SW 0100	3	FM	67	67	67	.50	10.00	10.00	7.00
24 - Teck - Corona, David Bell Mine	PR 0100	9	FL	44	11	0	.50	1.00	3.50	1.50
55 - Rio Algom, Quirke	PR 0100	12	FL	42	42	42	.50	.50	10.00	4.50
53 - Rio Algom, Panel	SR 0100	12	FL	42	42	42	.50	.50	10.00	4.50
58 - Rio Algom, Stanleigh	SR 0100	12	FL	42	42	42	.50	.50	10.00	4.50
32 - LAC Minerals, Macassa Division	PR 0100	12	IL	33	17	0	1.00	1.00	3.50	1.50
11 - INCO, Nolin Creek T.P.	SW 0100	12	IL	33	0	0	1.00	1.00	1.50	1.00

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Cadmium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
09 - Falconbridge, Metallurgical	PR 0100	4	75	1.00	1.50	1.50	1.50
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	75	1.00	1.50	1.50	1.50
11 - INCO, Nolin Creek T.P.	SW 0100	4	0	1.00	1.00	1.00	1.00
19 - Dickenson, Arthur W. White Mine	PR 0100	4	0	.50	1.00	1.00	1.00
54 - Rio Algom, Pronto	SW 0100	3	0	.50	.50	.50	.50
55 - Rio Algom, Quirke	PR 0100	4	0	.50	.50	.50	.50
53 - Rio Algom, Panel	SR 0100	4	0	.50	.50	.50	.50
58 - Rio Algom, Stanleigh	SR 0100	4	0	.50	.50	.50	.50
24 - Teck - Corona, David Bell Mine	PR 0100	4	25	.50	.50	1.00	.50

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Hexachloroethane - Monitoring Samples:

RMDL = 0.01 ug/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
02 - INCO, Crean Hill Mine	MW 0100	4	FH	100	100	75	2.80	8.10	11.80	7.70
16 - INCO, Whistle Mine	MW 0100	2	FH	100	100	50	3.20	4.90	6.60	4.90
01 - INCO, Copper Cliff T.P.	PR 0100	4	FH	100	100	25	2.80	4.20	5.80	4.30
04 - INCO, Garson Mine	MW 0100	4	FH	100	75	75	1.20	5.10	7.80	4.80
13 - INCO, Refinery, Port Colborne	SR 0100	4	FL	100	50	0	1.00	1.60	2.20	1.60
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	75	75	75	.20	18.50	1,700.00	434.30
07 - INCO, Levack Mine	MW 0100	4	FH	75	75	50	1.00	5.40	11.00	5.70
10 - INCO, Refinery, Sudbury	SR 0100	4	FH	75	75	50	1.00	4.60	8.00	4.50
14 - INCO, Shebandowan Mine	PR 0100	4	FH	75	75	50	1.00	3.90	6.40	3.80
11 - INCO, Nolin Creek T.P.	SW 0100	4	FH	75	75	25	1.00	3.60	8.80	4.30

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Hexachloroethane - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
02 - INCO, Crean Hill Mine	MW 0100	4	100	1.20	2.10	9.60	3.80
16 - INCO, Whistle Mine	MW 0100	2	50	1.00	3.40	5.80	3.40
01 - INCO, Copper Cliff T.P.	PR 0100	4	100	1.00	1.90	6.60	2.80
14 - INCO, Shebandowan Mine	PR 0100	4	50	1.00	1.90	5.00	2.50
13 - INCO, Refinery, Port Colborne	SR 0100	4	50	1.00	1.90	4.40	2.30
10 - INCO, Refinery, Sudbury	SR 0100	4	50	1.00	1.00	5.20	2.10
11 - INCO, Nolin Creek T.P.	SW 0100	4	25	1.00	1.00	3.80	1.70
07 - INCO, Levack Mine	MW 0100	4	50	1.00	1.10	1.80	1.20
04 - INCO, Garson Mine	MW 0100	4	50	1.00	1.20	1.40	1.20
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Hexachloroethane - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
13 - INCO, Refinery, Port Colborne	SR 0100	4	.00	.00	.00	.00
16 - INCO, Whistle Mine	MW 0100	2	.00	.00	.00	.00
07 - INCO, Levack Mine	MW 0100	4	.00	.00	.00	.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.00	.00	.00
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	.00	.00	.00	.00
04 - INCO, Garson Mine	MW 0100	4	.00	.00	.00	.00
02 - INCO, Crean Hill Mine	MW 0100	4	.00	.00	.00	.00
14 - INCO, Shebandowan Mine	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Hexachloroethane - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
07 - INCO, Levack Mine	MW 0100	4	124.3	210.8	335.1	220.3	3.7
02 - INCO, Crean Hill Mine	MW 0100	4	91.9	167.6	335.1	190.5	3.7
14 - INCO, Shebandowan Mine	PR 0100	4	59.5	146.0	345.9	174.3	3.7
13 - INCO, Refinery, Port Colborne	SR 0100	4	70.3	162.2	264.9	164.9	3.7
01 - INCO, Copper Cliff T.P.	PR 0100	4	59.5	132.5	248.6	143.3	3.7
10 - INCO, Refinery, Sudbury	SR 0100	4	59.5	132.5	248.6	143.3	3.7
04 - INCO, Garson Mine	MW 0100	4	43.2	124.3	183.8	118.9	3.7
11 - INCO, Nolin Creek T.P.	SW 0100	4	59.5	89.2	178.4	104.1	3.7
56 - Cameco, Refinery, Blind River	SR 0300	4	73.0	80.0	120.0	88.3	10.0
16 - INCO, Whistle Mine	MW 0100	2	43.2	83.8	124.3	83.8	3.7

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Hexachloroethane - Lab Corrections of Travelling Spiked Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
13 - INCO, Refinery, Port Colborne	SR 0100	4	.00	.00	.00	.00
16 - INCO, Whistle Mine	MW 0100	2	.00	.00	.00	.00
07 - INCO, Levack Mine	MW 0100	4	.00	.00	.00	.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.00	.00	.00
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	.00	.00	.00	.00
04 - INCO, Garson Mine	MW 0100	4	.00	.00	.00	.00
02 - INCO, Crean Hill Mine	MW 0100	4	.00	.00	.00	.00
14 - INCO, Shebandowan Mine	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Hexachloroethane - Lab Corrections of Monitoring Samples

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
13 - INCO, Refinery, Port Colborne	SR 0100	4	.00	.00	.00	.00
16 - INCO, Whistle Mine	MW 0100	2	.00	.00	.00	.00
07 - INCO, Levack Mine	MW 0100	4	.00	.00	.00	.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.00	.00	.00
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	.00	.00	.00	.00
04 - INCO, Garson Mine	MW 0100	3	.00	.00	.00	.00
02 - INCO, Crean Hill Mine	MW 0100	4	.00	.00	.00	.00
14 - INCO, Shebandowan Mine	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

1,1-Dichloroethane - Monitoring Samples:

RMDL = 0.8 ug/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
01 - INCO, Copper Cliff T.P.	PR 0100	4	FL	100	25	0	1.12	1.12	2.75	1.53
16 - INCO, Whistle Mine	MW 0100	2	FL	100	0	0	1.12	1.12	1.12	1.12
10 - INCO, Refinery, Sudbury	SR 0100	4	FL	100	0	0	1.12	1.12	1.12	1.12
04 - INCO, Garson Mine	MW 0100	4	FL	100	0	0	1.12	1.12	1.12	1.12
02 - INCO, Crean Hill Mine	MW 0100	4	FL	100	0	0	1.12	1.12	1.12	1.12
07 - INCO, Levack Mine	MW 0100	4	FL	75	0	0	.62	1.12	1.12	1.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	FL	75	0	0	.62	1.12	1.12	1.00

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

1,1-Dichloroethane - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
10 - INCO, Refinery, Sudbury	SR 0100	4	100	1.12	1.12	1.62	1.25
16 - INCO, Whistle Mine	MW 0100	2	100	1.12	1.12	1.12	1.12
01 - INCO, Copper Cliff T.P.	PR 0100	4	100	1.12	1.12	1.12	1.12
04 - INCO, Garson Mine	MW 0100	4	100	1.12	1.12	1.12	1.12
02 - INCO, Crean Hill Mine	MW 0100	4	100	1.12	1.12	1.12	1.12
07 - INCO, Levack Mine	MW 0100	4	75	.62	1.12	1.12	1.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	75	.62	1.12	1.12	1.00

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

1,1-Dichloroethane - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	.00	.00	.00
13 - INCO, Refinery, Port Colborne	SR 0100	4	.00	.00	.00	.00
16 - INCO, Whistle Mine	MW 0100	2	.00	.00	.00	.00
07 - INCO, Levack Mine	MW 0100	4	.00	.00	.00	.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.00	.00	.00
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	.00	.00	.00	.00
04 - INCO, Garson Mine	MW 0100	4	.00	.00	.00	.00
02 - INCO, Crean Hill Mine	MW 0100	4	.00	.00	.00	.00
14 - INCO, Shebandowan Mine	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

1,1-Dichloroethane - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
07 - INCO, Levack Mine	MW 0100	4	93.3	98.3	233.3	130.8	7.5
11 - INCO, Nolin Creek T.P.	SW 0100	4	90.0	98.4	216.7	125.9	7.5
16 - INCO, Whistle Mine	MW 0100	2	95.0	97.5	100.0	97.5	7.5
01 - INCO, Copper Cliff T.P.	PR 0100	4	90.0	98.4	101.7	97.1	7.5
10 - INCO, Refinery, Sudbury	SR 0100	4	90.0	98.4	101.7	97.1	7.5
02 - INCO, Crean Hill Mine	MW 0100	4	93.3	95.8	103.3	97.1	7.5
04 - INCO, Garson Mine	MW 0100	4	91.7	95.0	100.0	95.4	7.5

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

1,1-Dichloroethane - Lab Corrections of Travelling Spiked Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
16 - INCO, Whistle Mine	MW 0100	2	.00	.00	.00	.00
07 - INCO, Levack Mine	MW 0100	4	.00	.00	.00	.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.00	.00	.00
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	.00	.00	.00	.00
04 - INCO, Garson Mine	MW 0100	4	.00	.00	.00	.00
02 - INCO, Crean Hill Mine	MW 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

1,1-Dichloroethane - Lab Corrections of Monitoring Samples

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
16 - INCO, Whistle Mine	MW 0100	2	.00	.00	.00	.00
07 - INCO, Levack Mine	MW 0100	4	.00	.00	.00	.00
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.00	.00	.00
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
11 - INCO, Nolin Creek T.P.	SW 0100	4	.00	.00	.00	.00
04 - INCO, Garson Mine	MW 0100	3	.00	.00	.00	.00
02 - INCO, Crean Hill Mine	MW 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Molybdenum - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.02 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
32 - LAC Minerals, Macassa Division	PR 0100	3	FH	100	100	100	10.50	35.00	40.00	28.50
28 - Eastmaque Gold Mines	PR 0100	4	FH	100	100	100	20.00	28.25	30.50	26.75
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	FH	100	100	100	15.50	20.25	25.00	20.25
24 - Teck - Corona, David Bell Mine	PR 0100	4	FH	100	100	75	4.00	7.50	12.00	7.75
03 - Falconbridge, Falconbridge	PR 0100	4	FM	100	100	25	3.00	4.25	5.50	4.25
51 - Denison Mines, Denison Property	PR 0100	4	FL	75	25	0	.90	1.55	3.40	1.85
42 - Renabie Gold Mines	PR 0100	3	FL	67	33	0	1.00	1.50	2.00	1.50

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Molybdenum - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
24 - Teck - Corona, David Bell Mine	PR 0100	4	25	1.00	1.00	50.00	13.25
32 - LAC Minerals, Macassa Division	PR 0100	3	0	1.00	1.00	1.00	1.00
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	1.00	1.00	1.00	1.00
42 - Renabie Gold Mines	PR 0100	3	0	1.00	1.00	1.00	1.00
28 - Eastmaque Gold Mines	PR 0100	4	0	1.00	1.00	1.00	1.00
03 - Falconbridge, Falconbridge	PR 0100	4	0	.35	.35	1.00	.50
51 - Denison Mines, Denison Property	PR 0100	4	0	.15	.15	.15	.15

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Mercury - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.0001 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	100	100	100	2.90	7.50	74.00	23.00
38 - LAC Minerals, Williams Mine	PR 0100	2	FH	100	100	100	9.00	9.50	10.00	9.50
42 - Renabie Gold Mines	PR 0100	8	FM	100	88	0	1.30	2.00	20.00	4.41
27 - Placer Dome, Dona Lake Mine	PR 0100	5	FM	80	80	0	8.00	27.00	44.00	27.80
26 - Placer Dome, Dome Mine	PR 0100	11	FL	55	36	9	1.00	1.00	5.00	1.95
32 - LAC Minerals, Macassa Division	PR 0100	12	FM	50	42	0	.50	1.00	4.60	1.67
25 - Placer Dome, Detour Lake Mine	PR 0100	12	FL	42	8	0	1.00	1.00	2.00	1.21

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Mercury - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
27 - Placer Dome, Dona Lake Mine	PR 0100	1	100	19.00	19.00	19.00	19.00
42 - Renabie Gold Mines	PR 0100	3	100	2.00	2.00	2.00	2.00
26 - Placer Dome, Dome Mine	PR 0100	3	0	1.00	1.00	1.00	1.00
25 - Placer Dome, Detour Lake Mine	PR 0100	4	0	1.00	1.00	1.00	1.00
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.19	.19	.19	.19

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Antimony - Monitoring Samples:

RMDL = 0.005 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
38 - LAC Minerals, Williams Mine	PR 0200	2	FH	100	100	100	109.60	115.20	121.00	115.20
24 - Teck - Corona, David Bell Mine	PR 0100	4	FH	100	100	100	28.80	72.60	105.60	69.80
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	FH	100	100	100	34.00	50.20	66.40	50.20
27 - Placer Dome, Dona Lake Mine	PR 0100	2	FL	100	0	0	1.80	1.80	1.80	1.80
13 - INCO, Refinery, Port Colborne	SR 0100	4	FL	75	50	0	.80	2.00	3.00	2.00

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Antimony - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
27 - Placer Dome, Dona Lake Mine	PR 0100	1	100	1.80	1.80	1.80	1.80
38 - LAC Minerals, Williams Mine	PR 0200	2	0	1.00	1.00	1.00	1.00
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.80	.80	.80	.80
24 - Teck - Corona, David Bell Mine	PR 0100	4	0	.60	.60	.60	.60
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	.40	.40	.40	.40

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Selenium - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 0.005 mg/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
17 - Minnova, Winston Lake Mine	PR 0100	4	FM	100	100	0	2.00	3.20	4.80	3.20
09 - Falconbridge, Metallurgical	PR 0100	4	FM	75	75	75	.40	29.60	78.00	34.40
01 - INCO, Copper Cliff T.P.	PR 0100	4	FM	75	75	25	.60	4.20	115.80	31.20
13 - INCO, Refinery, Port Colborne	SR 0100	4	FM	75	75	0	.40	4.20	4.40	3.40
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	FL	75	25	0	.40	1.40	3.20	1.60

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Selenium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
09 - Falconbridge, Metallurgical	PR 0100	3	0	.40	.40	.40	.40
06 - Falconbridge, Kidd Creek Mine	MW 0100	4	0	.40	.40	.40	.40
13 - INCO, Refinery, Port Colborne	SR 0100	4	0	.40	.40	.40	.40
01 - INCO, Copper Cliff T.P.	PR 0100	4	0	.40	.40	.40	.40
17 - Minnova, Winston Lake Mine	PR 0100	4	0	.20	.40	.40	.40

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Chloroform - Monitoring Samples:

RMDL = 0.7 ug/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	FM	100	100	50	2.86	24.29	54.29	26.43
10 - INCO, Refinery, Sudbury	SR 0100	4	FL	75	50	0	.71	2.14	3.00	2.00
08 - Falconbridge, Lockerby	MW 0100	3	FM	67	67	0	1.00	2.00	2.57	1.86

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Chloroform - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
08 - Falconbridge, Lockerby	MW 0100	3	33	1.00	1.00	3.43	1.81
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.57	.57	.57	.57
10 - INCO, Refinery, Sudbury	SR 0100	4	0	.43	.43	.43	.43

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Chloroform - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	.01	.07	.02
10 - INCO, Refinery, Sudbury	SR 0100	4	.00	.00	.00	.00
08 - Falconbridge, Lockerby	MW 0100	3	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Chloroform - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
08 - Falconbridge, Lockerby	MW 0100	3	97.5	98.5	158.9	118.3	85.7
56 - Cameco, Refinery, Blind River	SR 0300	4	95.0	97.5	100.0	97.5	28.6
10 - INCO, Refinery, Sudbury	SR 0100	4	89.6	93.8	100.0	94.3	6.9

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Chloroform - Lab Corrections of Travelling Spiked Blanks
Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
08 - Falconbridge, Lockerby	MW 0100	3	.00	.00	10.54	3.51
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	.71	4.29	1.43
10 - INCO, Refinery, Sudbury	SR 0100	4	.14	.14	.14	.14

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Chloroform - Lab Corrections of Monitoring Samples
Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
08 - Falconbridge, Lockerby	MW 0100	3	.00	.00	1.00	.33
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	.00	.86	.21
10 - INCO, Refinery, Sudbury	SR 0100	4	.14	.14	.14	.14

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Benzene - Monitoring Samples:

RMDL = 0.5 ug/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	FH	75	75	75	.40	32.00	440.00	126.10
35 - Canamax, Marhill Mine	MW 0100	4	FM	75	75	50	.38	5.48	8.80	5.03

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Benzene - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	3	33	.38	.38	37.40	12.72
56 - Cameco, Refinery, Blind River	SR 0300	4	0	.40	.40	.40	.40

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Benzene - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	1.06	9.80	2.98
35 - Canamax, Marhill Mine	MW 0100	3	.00	.40	.80	.40

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Benzene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
56 - Cameco, Refinery, Blind River	SR 0300	4	85.0	97.5	105.0	96.3	40.0
35 - Canamax, Marhill Mine	MW 0100	3	17.7	58.7	166.7	81.0	10.4

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Benzene - Lab Corrections of Travelling Spiked Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	2.00	12.00	4.00
35 - Canamax, Marhill Mine	MW 0100	3	.00	.60	.80	.47

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Benzene - Lab Corrections of Monitoring Samples

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
56 - Cameco, Refinery, Blind River	SR 0300	4	.00	7.10	60.00	18.55
35 - Canamax, Marhill Mine	MW 0100	4	.60	1.02	2.00	1.16

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Toluene - Monitoring Samples:

RMDL = 0.5 ug/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
05 - Noranda Minerals, Geco Division	PR 0100	4	FN	100	75	0	1.60	2.40	2.80	2.30
01 - INCO, Copper Cliff T.P.	PR 0100	4	FN	75	75	25	.60	2.78	5.68	2.96

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Toluene - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
01 - INCO, Copper Cliff T.P.	PR 0100	4	25	.40	.81	1.78	.95
05 - Noranda Minerals, Geco Division	PR 0100	4	0	.10	.10	.40	.18

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Toluene - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
01 - INCO, Copper Cliff T.P.	PR 0100	4	.00	.10	.30	.13
05 - Noranda Minerals, Geco Division	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Toluene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
05 - Noranda Minerals, Geco Division	PR 0100	4	102.0	117.0	124.0	115.0	10.0
01 - INCO, Copper Cliff T.P.	PR 0100	4	87.5	90.9	109.5	94.7	4.8

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Toluene - Lab Corrections of Travelling Spiked Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
01 - INCO, Copper Cliff T.P.	PR 0100	4	.10	.21	.70	.31
05 - Noranda Minerals, Geco Division	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Unique Parameters ie. selected in only one stream

Thallium - Monitoring Samples:

RMDL = 0.03 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
27 - Placer Dome, Dona Lake Mine	PR 0100	2	FL	100	0	0	1.10	1.10	1.10	1.10

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Thallium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
27 - Placer Dome, Dona Lake Mine	PR 0100	1	100	1.10	1.10	1.10	1.10

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Chromium - Monitoring Samples:

RMDL = 0.02 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
12 - Falconbridge, Onaping	MW 0100	4	FL	75	50	0	1.00	1.70	4.50	2.25

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Chromium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
12 - Falconbridge, Onaping	MW 0100	4	0	.20	.30	1.00	.45

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Vanadium - Monitoring Samples:

RMDL = 0.03 mg/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	FL	100	0	0	1.67	1.67	1.67	1.67

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Vanadium - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	4	100	1.67	9.17	16.67	9.17

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Carbon tetrachloride - Monitoring Samples:

RMDL = 1.3 ug/L

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
53 - Rio Algom, Panel	PR 0100	4	FM	75	75	50	.23	6.38	58.46	17.87

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Carbon tetrachloride - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
53 - Rio Algom, Panel	PR 0100	4	0	.23	.23	.23	.23

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Carbon tetrachloride - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
53 - Rio Algom, Panel	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Carbon tetrachloride - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
53 - Rio Algom, Panel	PR 0100	4	85.0	92.5	110.0	95.0	15.4

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Carbon tetrachloride - Lab Corrections of Travelling Spiked Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
53 - Rio Algom, Panel	PR 0100	4	.00	.00	.77	.19

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Carbon tetrachloride - Lab Corrections of Monitoring Samples

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
53 - Rio Algom, Panel	PR 0100	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Methylene chloride - Monitoring Samples:
Detection Frequencies and Concentration Ratios

RMDL = 1.3 ug/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	4	FM	75	75	25	.71	4.38	45.38	13.72

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Methylene chloride - Travelling Blanks
Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	3	33	.71	.71	23.08	8.16

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Methylene chloride - Lab Corrections of Travelling Blanks
Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	3	.00	.26	.77	.34

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Methylene chloride - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
35 - Canamax, Marhill Mine	MW 0100	3	58.3	76.2	193.7	109.4	4.0

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Methylene chloride - Lab Corrections of Travelling Spiked Blanks
Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	3	.00	.62	1.08	.56

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Methylene chloride - Lab Corrections of Monitoring Samples
Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
35 - Canamax, Marhill Mine	MW 0100	4	.00	.43	1.00	.47

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Trichlorofluoromethane - Monitoring Samples:

Detection Frequencies and Concentration Ratios

RMDL = 1.0 ug/L

Company	CtrlPt.	N	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	FL	100	0	0	1.20	1.40	1.60	1.40

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Method Detection Limit

Trichlorofluoromethane - Travelling Blanks

Detection Frequencies and Concentration Ratios

Company	CtrlPt.	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	0	.10	.55	1.00	.55

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Trichlorofluoromethane - Lab Corrections of Travelling Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Trichlorofluoromethane - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	78.0	130.0	182.0	130.0	5.0

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Trichlorofluoromethane - Lab Corrections of Travelling Spiked Blanks

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Trichlorofluoromethane - Lab Corrections of Monitoring Samples

Difference Ratios

Company	CtrlPt.	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Monitoring Samples:
Detection Frequencies and Concentration Ratios

Noranda Minerals Inc.
Geco Division Manitouwadge
PR 0100 - Process Effluent WWTP Effluent

Parameter	Number of Samples	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
o-Xylene	4	FM	100	100	75	4.60	8.00	11.00	7.90
m-Xylene and p-Xylene	4	FM	100	100	50	4.18	6.27	9.09	6.45
2-Methylnaphthalene	4	FL	100	25	0	1.23	1.36	3.18	1.78
Naphthalene	4	FL	100	25	0	1.37	1.62	3.12	1.94

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Minimum Detection Limit

Travelling Blanks
Detection Frequencies and Concentration Ratios

Noranda Minerals Inc.
Geco Division Manitouwadge
PR 0100 - Process Effluent WWTP Effluent

Parameter	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
2-Methylnaphthalene	4	0	.23	.23	.91	.40
m-Xylene and p-Xylene	4	25	.10	.10	1.09	.35
Naphthalene	4	0	.12	.12	.62	.25
o-Xylene	4	0	.10	.10	.40	.18

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Lab Corrections of Travelling Blanks
Difference Ratios

Noranda Minerals Inc.
Geco Division Manitouwadge
PR 0100 - Process Effluent WWTP Effluent

Parameter	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
2-Methylnaphthalene	4	.00	.00	.00	.00
Naphthalene	4	.00	.00	.00	.00
m-Xylene and p-Xylene	4	.00	.00	.00	.00
o-Xylene	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Blank Concentration and the Corrected Travelling Blank Concentration Divided by the Regulation Method Detection Limit.

Travelling Spiked Blanks
Range of % Recoveries

Noranda Minerals Inc.
Geco Division Manitouwadge
PR 0100 - Process Effluent WWTP Effluent

ATG	Parameter	Number of Samples	% Recovery (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
17	o-Xylene	4	106.7	106.7	120.0	110.0	3.0
	m-Xylene and p-Xylene	4	100.0	103.4	113.3	105.0	1.4
19	Naphthalene	4	72.0	76.4	79.2	76.0	7.8
	2-Methylnaphthalene	4	60.0	76.1	82.6	73.7	5.2

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Lab Corrections of Travelling Spiked Blanks
Difference Ratios

Noranda Minerals Inc.
Geco Division Manitouwadge
PR 0100 - Process Effluent WWTP Effluent

Parameter	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
m-Xylene and p-Xylene	4	.00	.00	1.09	.27
o-Xylene	4	.00	.00	.40	.10
2-Methylnaphthalene	4	.00	.00	.00	.00
Naphthalene	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Travelling Spiked Blank Concentration and the Corrected Travelling Spiked Blank Concentration Divided by the Regulation Method Detection Limit.

Lab Corrections of Monitoring Samples
Difference Ratios

Noranda Minerals Inc.
Geco Division Manitouwadge
PR 0100 - Process Effluent WWTP Effluent

Parameter	Number of Samples	Difference Ratios (1) Minimum	Median	Maximum	Average
2-Methylnaphthalene	4	.00	.00	.00	.00
Naphthalene	4	.00	.00	.00	.00
m-Xylene and p-Xylene	4	.00	.00	.00	.00
o-Xylene	4	.00	.00	.00	.00

NOTE: (1) Difference Ratio = Absolute Values of the Difference Between the Uncorrected Monitoring Sample Concentration and the Corrected Monitoring Sample Concentration Divided by the Regulation Method Detection Limit.

Monitoring Samples:
Detection Frequencies and Concentration Rtios

Giant Yellowknife Mines Limited
Pamour #1 Timmins
PR 0100 - Process Effluent Decant Weir #2

Parameter	Number of Samples	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
m-Cresol	4	FN	75	75	0	.29	3.38	4.88	2.99
p-Cresol	4	FN	75	75	0	.29	3.29	4.74	2.90

NOTE: (1) Concentration Ratio = Concentration Divided by the Regulation Minimum Detection Limit

Travelling Blanks
Detection Frequencies and Concentration Ratios

Giant Yellowknife Mines Limited
Pamour #1 Timmins
PR 0100 - Process Effluent Decant Weir #2

Parameter	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
m-Cresol	4	0	.29	.29	.29	.29
p-Cresol	4	0	.29	.29	.29	.29

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the Regulation Method Detection Limit

Travelling Spiked Blanks:
Range of % Recoveries

Giant Yellowknife Mines Limited
Pamour #1 Timmins
PR 0100 - Process Effluent Decant Weir #2

ATG	Parameter	Number of Samples	% Recovery (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
20	m-Cresol	4	65.1	69.4	77.1	70.3	7.6
	p-Cresol	4	65.1	69.4	77.1	70.3	7.4

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Monitoring Samples:
Detection Frequencies and Concentration Ratios
for Selected Parameters

Cameco - A Canadian Mining & Energy Corporation
Refinery Blind River
SR 0300 - Smelter - Refinery Effluent Final Discharge

Parameter	Number of Samples	CLASS	Frequency of Detection (%) >1RMDL	>2RMDL	>5RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
Hexachlorobutadiene	4	FH	75	75	75	.20	27.50	2,500.00	638.80
Hexachlorocyclopentadiene	4	FH	75	75	75	.50	48.50	4,700.00	1,199.40
1,2,3-Trichlorobenzene	4	FH	75	75	75	.90	88.00	8,600.00	2,194.20
1,2,3,4-Tetrachlorobenzene	4	FH	75	75	75	.90	90.50	9,100.00	2,320.50
1,2,3,5-Tetrachlorobenzene	4	FH	75	75	75	.50	52.00	5,400.00	1,376.10
1,2,4-Trichlorobenzene	4	FH	75	75	75	.60	60.50	6,100.00	1,555.40
1,2,4,5-Tetrachlorobenzene	4	FH	75	75	75	.50	51.50	5,300.00	1,350.90
Hexachlorobenzene	4	FH	75	75	75	.30	30.00	3,000.00	765.10
Octachlorostyrene	4	FH	75	75	75	.30	28.00	2,600.00	664.10
Pentachlorobenzene	4	FH	75	75	75	.20	20.50	2,100.00	535.30
2,4,5-Trichlorotoluene	4	FH	75	75	75	.30	315.00	2,700.00	832.60

Note (1): Concentration Ratio = Monitoring Sample Concentration Divided by the Regulation Method Detection Limit

Travelling Blanks
Detection Frequencies and Concentration Ratios
for Selected Parameters in travelling Blanks

Cameco - A Canadian Mining & Energy Corporation
Refinery Blind River
SR 0300 - Smelter - Refinery Effluent Final Discharge

Parameter	Number of Samples	% >RMDL	Concentration Ratios (1) Minimum	Median	Maximum	Average
1,2,3,4-Tetrachlorobenzene	4	0	.90	.90	.90	.90
1,2,3-Trichlorobenzene	4	0	.90	.90	.90	.90
1,2,4-Trichlorobenzene	4	0	.60	.60	.60	.60
1,2,3,5-Tetrachlorobenzene	4	0	.50	.50	.50	.50
1,2,4,5-Tetrachlorobenzene	4	0	.50	.50	.50	.50
Hexachlorocyclopentadiene	4	0	.50	.50	.50	.50
2,4,5-Trichlorotoluene	4	0	.30	.30	.30	.30
Hexachlorobenzene	4	0	.30	.30	.30	.30
Octachlorostyrene	4	0	.30	.30	.30	.30
Hexachlorobutadiene	4	0	.20	.20	.20	.20
Hexachloroethane	4	0	.20	.20	.20	.20
Pentachlorobenzene	4	0	.20	.20	.20	.20

NOTE: (1) Concentration Ratio = Travelling Blank Concentration Divided by the
Regulation Method Detection Limit

Travelling Spiked Blanks
Range of % Recoveries

Cameco - A Canadian Mining & Energy Corporation
Refinery Blind River
SR 0300 - Smelter - Refinery Effluent Final Discharge

ATG	Parameter	Number of Samples	% Recovery (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
23	Octachlorostyrene	4	70.0	135.0	270.0	152.5	10.0
	Hexachlorobenzene	4	80.0	108.0	148.0	111.0	50.0
	2,4,5-Trichlorotoluene	4	82.0	96.0	126.0	100.0	50.0
	1,2,3,4-Tetrachlorobenzene	4	82.0	90.0	98.0	90.0	50.0
	Hexachloroethane	4	73.0	80.0	120.0	88.3	10.0
	Pentachlorobenzene	4	80.0	85.0	98.0	87.0	50.0
	1,2,3-Trichlorobenzene	4	78.0	81.0	102.0	85.5	50.0
	1,2,3,5-Tetrachlorobenzene	4	74.0	82.0	98.0	84.0	50.0
	1,2,4,5-Tetrachlorobenzene	4	74.0	82.0	98.0	84.0	50.0
	Hexachlorobutadiene	4	60.0	85.0	100.0	82.5	5.0
	1,2,4-Trichlorobenzene	4	64.0	76.0	112.0	82.0	50.0
	Hexachlorocyclopentadiene	4	28.0	50.0	130.0	64.5	10.0

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

APPENDIX C

Company List

Parameters Selected by Mining Subcategory

Breakdown of Parameters Selected by Company

Parameter List

COMPANY LIST – MISA Metal Mining Sector

NUMBER	OWNER	PLANT	LOCATION	STREAM IDENTIFICATION	
1	INCO Limited	Copper Cliff Treatment Plant	Sudbury	PR 0100	Final Discharge
2	INCO Limited	Crean Hill Mine	Sudbury	MW 0100	Minewater
3	Falconbridge Limited	Falconbridge	Sudbury	PR 0100	Final Discharge
4	INCO Limited	Garson Mine	Sudbury	MW 0100	Minewater
5	Noranda Minerals Inc.	Geco Division	Manitouwadge	PR 0100	WWTP Effluent
6	Falconbridge Limited	Kidd Creek Mine	Kidd Township	MW 0100	Minewater
7	INCO Limited	Levack Mine	Sudbury	MW 0100	Minewater
8	Falconbridge Limited	Lockerby	Sudbury	MW 0100	Minewater
9	Falconbridge Limited	Metallurgical Site	Hoyle Township	PR 0100	Final Discharge
10	INCO Limited	Nickel Refinery	Sudbury	SR 0100	Discharge from Second Pond
11	INCO Limited	Nolin Creek Treatment Plant	Sudbury	SW 0100	Final Discharge
12	Falconbridge Limited	Onaping	Sudbury	MW 0100	Discharge from Onaping Mine Pond
13	INCO Limited	Nickel Refinery	Port Colborne	SR 0100	Final Discharge
14	INCO Limited	Shebandowan Property	Thunder Bay	PR 0100	Final Discharge
15	Falconbridge Limited	Strathcona (Moose Lake)	Sudbury	PR 0100	Final Discharge
16	INCO Limited	Whistle	Sudbury	MW 0100	Minewater Discharge
17	Minnova Inc.	Winston Lake Mine	District of Thunder Bay	PR 0100	Final Discharge
19	Dickenson Mines Limited	Arthur W. White Mine	Golden Township	PR 0100	Final Discharge
21	Canamax Resources Inc.	Bell Creek Mine	Timmins	PR 0100	Final Discharge
24	Teck – Corona Operating Corporation	David Bell Mine	Hemlo	PR 0100	Final Discharge
25	Placer Dome Inc.	Detour Lake Mine	Detour Lake	PR 0100	Final Discharge
26	Placer Dome Inc.	Dome Mine	Timmins	PR 0100	Final Discharge
27	Placer Dome Inc.	Dona Lake Mine	Pickle Lake	PR 0100	Final Discharge
28	Eastmaque Gold Mines Ltd.	Eastmaque Gold Mines Limited	Kirkland Lake	PR 0100	Final Discharge
29	Giant Yellowknife Mines Limited	ERG Resources	Timmins	PR 0100	Final Discharge
30	Hemlo Gold Mines Inc.	Golden Giant Mine	Hemlo	PR 0100	Final Discharge
31	Canamax Resources Inc.	Kremzar Mine	Finan Township	PR 0100	Effluent from SE Clearwater
32	LAC Minerals Ltd.	Macassa Division	Kirkland Lake	PR 0100	Final Discharge
35	Canamax Resources Inc.	Marhill Mine	Timmins	MW 0100	Minewater
36	American Barrick Resources Corporation	McDermott	Harker Township	PR 0100	Final Discharge
37	Bond Gold Canada Inc.	Muskegsagagen Lake	District of Kenora	PR 0100	Final Discharge
38	LAC Minerals Ltd.	Williams Mine	Hemlo	MW 0100	Minewater
38	LAC Minerals Ltd.	Williams Mine	Hemlo	PR 0200	Final Discharge
39	Giant Yellowknife Mines Limited	Pamour #1	Timmins	PR 0100	Decant Weir #2
39	Giant Yellowknife Mines Limited	Pamour #1	Timmins	PR 0200	Decant Weir #1A
40	Giant Yellowknife Mines Limited	Pamour – Schumacher	Timmins	MW 0100	Final Discharge
42	Renable Gold Mines Ltd.	Renable Gold Mines Ltd.	Renable	PR 0100	Final Discharge
45	St. Andrews Gold Fields Ltd.	St. Andrew Gold Fields	Stock Township	PR 0100	Process Effluent
46	The Algoma Steel Corporation Limited	Algoma Ore Division	Wawa	PR 0100	Final Decant
51	Denison Mines Limited	Denison Property	Elliot Lake	PR 0100	Final Discharge
51	Denison Mines Limited	Denison Property	Elliot Lake	SW 0200	Final Discharge
52	Rio Algom Limited	Lacnor/Nordic	Elliot Lake	SW 0100	Final Discharge
53	Rio Algom Limited	Panel	Elliot Lake	PR 0100	Final Discharge
54	Rio Algom Limited	Pronto	Spragge	SW 0100	Final Discharge
55	Rio Algom Limited	Quirke	Elliot Lake	PR 0100	Final Discharge
56	Cameco – A Canadian Mining & Energy Corporation	Refinery	Blind River	SR 0300	Final Discharge
57	Cameco – A Canadian Mining & Energy Corporation	Refinery	Port Hope	SR 0100	West UF6/NUO2 Combined Effluent
57	Cameco – A Canadian Mining & Energy Corporation	Refinery	Port Hope	SR 0200	East UF6 Discharge
57	Cameco – A Canadian Mining & Energy Corporation	Refinery	Port Hope	SR 0300	UO2 Discharge
58	Rio Algom Limited	Stanleigh	Elliot Lake	PR 0100	Final Discharge
59	Denison Mines Limited	Stanrock Property	Elliot Lake	SW 0100	Final Discharge

Number of Streams Selected by Parameter Prior to Data Quality Evaluation *MISA METAL MINING SUBCATEGORIES*	MISA METAL MINING SECTOR 12–MONTH MONITORING DATA February 1, 1990 to January 31, 1991

ATG	PARAMETER	TOTAL Cu,Ni,Pb,Zn	TOTAL Au	TOTAL Fe	TOTAL U	GRAND TOTAL
01	COD	15	20	0	8	43
02	Cyanide Total	7	18	0	2	27
06	Total phosphorus	1	9	0	2	12
08	Total suspended solids	15	15	1	9	40
09	Aluminum	11	11	1	12	35
	Cadmium	3	3	0	4	10
	Chromium	1	0	0	0	1
	Cobalt	6	7	0	6	19
	Copper	16	18	0	5	39
	Lead	1	5	0	4	10
	Molybdenum	1	5	0	1	7
	Nickel	16	15	0	5	36
	Thallium	0	1	0	0	1
	Vanadium	0	1	0	0	1
	Zinc	16	15	0	11	42
10	Antimony	1	4	0	0	5
	Arsenic	4	8	0	1	13
	Selenium	5	0	0	0	5
12	Mercury	0	6	0	1	7
14	Phenolics (4AAP)	16	7	0	5	28
16	1,1–Dichloroethane	7	0	0	0	7
	Carbon tetrachloride	0	0	0	1	1
	Chloroform	2	0	0	1	3
	Methylene chloride	0	1	0	0	1
	Trichlorofluoromethane	0	1	0	0	1
17	Benzene	0	1	0	1	2
	Toluene	2	0	0	0	2
	m–Xylene and p–Xylene	1	0	0	0	1
	o–Xylene	1	0	0	0	1
19	2–Methylnaphthalene	1	0	0	0	1
	Naphthalene	1	0	0	0	1
20	m–Cresol	0	1	0	0	1
	p–Cresol	0	1	0	0	1
23	1,2,3,4–Tetrachlorobenzene	0	0	0	1	1
	1,2,3,5–Tetrachlorobenzene	0	0	0	1	1
	1,2,3–Trichlorobenzene	0	0	0	1	1
	1,2,4,5–Tetrachlorobenzene	0	0	0	1	1
	1,2,4–Trichlorobenzene	0	0	0	1	1
	2,4,5–Trichlorotoluene	0	0	0	1	1
	Hexachlorobenzene	0	0	0	1	1
	Hexachlorobutadiene	0	0	0	1	1
	Hexachlorocyclopentadiene	0	0	0	1	1
	Hexachloroethane	9	0	0	1	10
	Octachlorostyrene	0	0	0	1	1
	Pentachlorobenzene	0	0	0	1	1
25	Oil and grease	17	21	1	5	44
4a	Ammonia plus Ammonium	16	21	1	12	50
	Total Kjeldahl Nitrogen	17	20	0	11	48
4b	Nitrate+Nitrite	16	16	1	12	45
5b	TOC, Total Organic Carbon	7	9	0	1	17
M1	Chlorides	17	12	0	11	40
M2	Cyanates, Filtered	0	2	0	0	2
M3	Dissolved Solids	17	20	1	12	50
M4	Sulphates	17	13	1	12	43
M5	Iron	17	20	1	12	50
M6	Thiocyanates, Filtered	10	2	0	0	12
M7	Uranium	0	0	0	11	11
M8	Cyanide (WAD)	2	15	0	1	18

Parameters Selected by Company Prior to Data Quality Evaluation (Copper, Nickel, Lead, Zinc Subcategory)

ATG PARAMETER	1 PR 0100	2 MW 0100	3 PR 0100	4 MW 0100	5 PR 0100	6 MW 0100	7 MW 0100	8 MW 0100	9 PR 0100	10 SR 0100	11 SW 0100	12 MW 0100	13 SR 0100	14 PR 0100	15 PR 0100	16 MW 0100	17 PR 0100
01 COD	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1
02 Cyanide Total	1		1		1			1	1			1			1		
06 Total phosphorus												1					
08 Total suspended solids	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1
09 Aluminum			1		1	1		1	1		1	1		1	1	1	1
Cadmium						1			1		1						
Chromium												1					
Cobalt	1		1							1	1		1			1	
Copper	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1
Lead										1							
Molybdenum			1														
Nickel	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
Thallium																	
Vanadium																	
Zinc	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1
10 Antimony													1				
Arsenic			1						1	1			1				
Selenium	1					1			1				1				1
12 Mercury																	
14 Phenolics (4AAP)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18 1,1–Dichloroethane	1	1		1			1			1	1					1	
Carbon tetrachloride																	
Chloroform								1		1							
Methylene chloride																	
Trichlorofluoromethane																	
17 Benzene																	
Toluene	1				1												
m–Xylene and p–Xylene					1												
o–Xylene					1												
19 2–Methylnaphthalene					1												
Naphthalene					1												
20 m–Cresol																	
p–Cresol																	
23 1,2,3,4–Tetrachlorobenzene																	
1,2,3,5–Tetrachlorobenzene																	
1,2,3–Trichlorobenzene																	
1,2,4,5–Tetrachlorobenzene																	
1,2,4–Trichlorobenzene																	
2,4,5–Trichlorotoluene																	
Hexachlorobenzene																	
Hexachlorobutadiene																	
Hexachlorocyclopentadiene																	
Hexachloroethane	1	1		1			1			1	1		1	1		1	
Octachlorostyrene																	
Pentachlorobenzene																	
25 Oil and grease	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4a Ammonia plus Ammonium	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1
Total Kjeldahl Nitrogen	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4b Nitrate+Nitrite	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
5b TOC, Total Organic Carbon	1		1		1	1								1	1		1
M1 Chlorides	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M2 Cyanates, Filtered																	
M3 Dissolved Solids	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M4 Sulphates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M5 Iron	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M6 Thiocyanates, Filtered	1	1		1	1		1			1	1		1	1		1	
M7 Uranium																	
M8 Cyanide (WAD)						1			1								

Parameters Selected by Company Prior to Data Quality Evaluation (Gold Subcategory)

ATG PARAMETER	19 PR 0100	21 PR 0100	24 PR 0100	25 PR 0100	26 PR 0100	27 PR 0100	28 PR 0100	29 PR 0100	30 PR 0100	31 PR 0100	32 PR 0100	35 MW 0100	36 PR 0100	37 PR 0100	38 MW 0100	38 PR 0200	39 PR 0100	39 PR 0200	40 MW 0100	42 PR 0100	45 PR 0100
01 COD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
02 Cyanide Total	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1		1	1
06 Total phosphorus	1	1											1	1			1	1		1	1
08 Total suspended solids	1	1		1	1		1	1	1		1	1		1	1		1	1		1	1
09 Aluminum	1		1	1	1		1		1		1	1				1	1			1	
Cadmium	1		1								1										
Chromium																					
Cobalt	1	1		1	1						1					1	1				
Copper	1	1	1	1	1		1	1	1		1	1	1		1	1	1	1	1	1	1
Lead	1		1						1			1				1					
Molybdenum			1				1		1		1									1	
Nickel	1	1	1	1	1			1	1		1	1				1	1	1	1	1	1
Thallium						1															
Vanadium														1							
Zinc	1	1	1	1	1			1	1		1	1	1		1	1	1		1	1	
10 Antimony			1			1			1							1					
Arsenic	1	1			1							1			1		1	1			1
Selenium																					
12 Mercury				1	1	1					1				1					1	
14 Phenolics (4AAP)	1						1				1		1	1			1	1			
16 1,1-Dichloroethane																					
Carbon tetrachloride																					
Chloroform																					
Methylene chloride												1									
Trichlorofluoromethane																					
17 Benzene									1			1									
Toluene																					
m-Xylene and p-Xylene																					
o-Xylene																					
19 2-Methylnaphthalene																					
Naphthalene																					
20 m-Cresol																	1				
p-Cresol																	1				
23 1,2,3,4-Tetrachlorobenzene																					
1,2,3,5-Tetrachlorobenzene																					
1,2,3-Trichlorobenzene																					
1,2,4,5-Tetrachlorobenzene																					
1,2,4-Trichlorobenzene																					
2,4,5-Trichlorotoluene																					
Hexachlorobenzene																					
Hexachlorobutadiene																					
Hexachlorocyclopentadiene																					
Hexachloroethane																					
Octachlorostyrene																					
Pentachlorobenzene																					
28 Oil and grease	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4a Ammonia plus Ammonium	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Kjeldahl Nitrogen	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
4b Nitrate+Nitrite	1	1	1	1	1				1	1	1	1	1	1	1	1	1	1		1	
5b TOC, Total Organic Carbon	1			1	1		1				1					1				1	
M1 Chlorides	1		1		1	1	1		1		1	1		1		1	1			1	
M2 Cyanates, Filtered											1					1					
M3 Dissolved Solids	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
M4 Sulphates	1		1	1	1	1	1		1		1	1		1		1	1			1	
M5 Iron	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
M6 Thiocyanates, Filtered				1							1										
M7 Uranium																					
M8 Cyanide (WAD)	1	1	1		1		1	1		1	1		1	1		1	1	1		1	1

Parameters Selected by Company Site Prior to Data Quality Evaluation

(Iron Subcategory)

ATG PARAMETER	46 PR 0100
01 COD	
02 Cyanide Total	
06 Total phosphorus	
08 Total suspended solids	1
09 Aluminum	1
Cadmium	
Chromium	
Cobalt	
Copper	
Lead	
Molybdenum	
Nickel	
Thallium	
Vanadium	
Zinc	
10 Antimony	
Arsenic	
Selenium	
12 Mercury	
14 Phenolics (4AAP)	
18 1,1–Dichloroethane	
Carbon tetrachloride	
Chloroform	
Methylene chloride	
Trichlorofluoromethane	
17 Benzene	
Toluene	
m–Xylene and p–Xylene	
o–Xylene	
19 2–Methylnaphthalene	
Naphthalene	
20 m–Cresol	
p–Cresol	
23 1,2,3,4–Tetrachlorobenzene	
1,2,3,5–Tetrachlorobenzene	
1,2,3–Trichlorobenzene	
1,2,4,5–Tetrachlorobenzene	
1,2,4–Trichlorobenzene	
2,4,5–Trichlorotoluene	
Hexachlorobenzene	
Hexachlorobutadiene	
Hexachlorocyclopentadiene	
Hexachloroethane	
Octachlorostyrene	
Pentachlorobenzene	
25 Oil and grease	1
4a Ammonia plus Ammonium	1
Total Kjeldahl Nitrogen	
4b Nitrate+Nitrite	1
5b TOC, Total Organic Carbon	
M1 Chlorides	
M2 Cyanates, Filtered	
M3 Dissolved Solids	1
M4 Sulphates	1
M5 Iron	1
M6 Thiocyanates, Filtered	
M7 Uranium	
M8 Cyanide (WAD)	

(Uranium Subcategory)

ATG PARAMETER	51 PR 0100	51 SW 0200	52 SW 0100	53 SW 0100	54 SW 0100	55 PR 0100	56 SR 0300	57 SR 0100	57 SR 0200	57 SR 0300	58 SW 0100	59 SW 0100
01 COD	1	1	1	1	1	1	1				1	
02 Cyanide Total						1	1					
06 Total phosphorus	1								1			
08 Total suspended solids	1			1		1	1	1	1	1	1	1
09 Aluminum	1	1	1	1	1	1	1	1	1	1	1	1
Cadmium				1	1	1					1	
Chromium												
Cobalt	1		1	1	1	1					1	
Copper			1	1	1	1					1	
Lead			1	1		1					1	
Molybdenum	1											
Nickel	1		1	1		1					1	
Thallium												
Vanadium												
Zinc	1		1	1	1	1	1	1	1	1	1	1
10 Antimony												
Arsenic	1											
Selenium												
12 Mercury							1					
14 Phenolics (4AAP)	1	1				1	1					1
18 1,1–Dichloroethane												
Carbon tetrachloride				1								
Chloroform							1					
Methylene chloride												
Trichlorofluoromethane												
17 Benzene							1					
Toluene												
m–Xylene and p–Xylene												
o–Xylene												
19 2–Methylnaphthalene												
Naphthalene												
20 m–Cresol												
p–Cresol												
23 1,2,3,4–Tetrachlorobenzene							1					
1,2,3,5–Tetrachlorobenzene							1					
1,2,3–Trichlorobenzene							1					
1,2,4,5–Tetrachlorobenzene							1					
1,2,4–Trichlorobenzene							1					
2,4,5–Trichlorotoluene							1					
Hexachlorobenzene							1					
Hexachlorobutadiene							1					
Hexachlorocyclopentadiene							1					
Hexachloroethane							1					
Octachlorostyrene							1					
Pentachlorobenzene							1					
25 Oil and grease	1				1		1	1	1			
4a Ammonia plus Ammonium	1	1	1	1	1	1	1	1	1	1	1	1
Total Kjeldahl Nitrogen	1	1	1	1	1	1		1	1	1	1	1
4b Nitrate+Nitrite	1	1	1	1	1	1	1	1	1	1	1	1
5b TOC, Total Organic Carbon							1					
M1 Chlorides	1	1	1	1	1	1	1	1	1		1	1
M2 Cyanates, Filtered												
M3 Dissolved Solids	1	1	1	1	1	1	1	1	1	1	1	1
M4 Sulphates	1	1	1	1	1	1	1	1	1	1	1	1
M5 Iron	1	1	1	1	1	1	1	1	1	1	1	1
M6 Thiocyanates, Filtered												
M7 Uranium	1		1	1	1	1	1	1	1	1	1	1
M8 Cyanide (WAD)							1					

PARAMETER LIST Jan–92

MISA METAL MINING SECTOR

ATG	Parameter	RMDL	RUNIT
01	COD	10	mg/L
02	Cyanide Total	0.005	mg/L
03	Hydrogen ion (pH)		
06	Total phosphorus	0.1	mg/L
07	Specific conductance	5	uS/cm
08	Total suspended solids	5	mg/L
	Volatile suspended solids	10	mg/L
09	Aluminum	0.03	mg/L
	Beryllium	0.01	mg/L
	Boron	0.05	mg/L
	Cadmium	0.002	mg/L
	Chromium	0.02	mg/L
	Cobalt	0.02	mg/L
	Copper	0.01	mg/L
	Lead	0.03	mg/L
	Molybdenum	0.02	mg/L
	Nickel	0.02	mg/L
	Silver	0.03	mg/L
	Strontium	0.02	mg/L
	Thallium	0.03	mg/L
	Vanadium	0.03	mg/L
	Zinc	0.01	mg/L
10	Antimony	0.005	mg/L
	Arsenic	0.005	mg/L
	Selenium	0.005	mg/L
11	Chromium (hexavalent)	0.01	mg/L
12	Mercury	0.0001	mg/L
13	Tetra–alkyl lead (Total)	2	ug/L
	Tri–alkyl lead (Total)	2	ug/L
14	Phenolics (4AAP)	2	ug/L
15	Sulphide	20	ug/L
16	1,1,2,2–Tetrachloroethane	4.3	ug/L
	1,1,2–Trichloroethane	0.6	ug/L
	1,1–Dichloroethane	0.8	ug/L
	1,1–Dichloroethylene	2.8	ug/L
	1,2–Dichlorobenzene	1.4	ug/L
	1,2–Dichloroethane	0.8	ug/L
	1,2–Dichloropropane	0.9	ug/L
	1,3–Dichlorobenzene	1.1	ug/L
	1,4–Dichlorobenzene	1.7	ug/L
	Bromodichloromethane	0.8	ug/L
	Bromoform	3.7	ug/L
	Bromomethane	3.7	ug/L
	Carbon tetrachloride	1.3	ug/L
	Chlorobenzene	0.7	ug/L
	Chloroform	0.7	ug/L
	Chloromethane	3.7	ug/L
	Cis–1,3–Dichloropropylene	1.4	ug/L
	Dibromochloromethane	1.1	ug/L
	Ethylene dibromide	1	ug/L
	Methylene chloride	1.3	ug/L
	Tetrachloroethylene	1.1	ug/L
	Trans–1,2–Dichloroethylene	1.4	ug/L
	Trans–1,3–Dichloropropylene	1.4	ug/L
	Trichloroethylene	1.9	ug/L
	Trichlorofluoromethane	1	ug/L
	Vinyl chloride	4	ug/L

PARAMETER LIST

Jan-92

MISA METAL MINING SECTOR

ATG	Parameter	RMDL	RUNIT
17	Benzene	0.5	ug/L
	Ethylbenzene	0.6	ug/L
	Styrene	0.5	ug/L
	Toluene	0.5	ug/L
	m-Xylene	1.1	ug/L
	m-Xylene and p-Xylene	1.1	ug/L
	o-Xylene	0.5	ug/L
	p-Xylene	1.1	ug/L
18	Acrolein	4	ug/L
	Acrylonitrile	4.2	ug/L
19	1-Chloronaphthalene	2.5	ug/L
	1-Methylnaphthalene	3.2	ug/L
	2,4-Dinitrotoluene	0.8	ug/L
	2,6-Dinitrotoluene	0.7	ug/L
	2-Chloronaphthalene	1.8	ug/L
	2-Methylnaphthalene	2.2	ug/L
	4-Bromophenyl phenyl ether	0.3	ug/L
	4-Chlorophenyl phenyl ether	0.9	ug/L
	5-nitro, Acenaphthene	4.3	ug/L
	Acenaphthene	1.3	ug/L
	Acenaphthylene	1.4	ug/L
	Anthracene	1.2	ug/L
	Benz(a)anthracene	0.5	ug/L
	Benzo(a)pyrene	0.6	ug/L
	Benzo(b)fluoranthene	0.7	ug/L
	Benzo(g,h,i)perylene	0.7	ug/L
	Benzo(k)fluoranthene	0.7	ug/L
	Benzylbutylphthalate	0.6	ug/L
	Biphenyl	0.6	ug/L
	Bis(2-chloroethoxy)methane	3.5	ug/L
	Bis(2-chloroethyl)ether	4.4	ug/L
	Bis(2-chloroisopropyl)ether	2.2	ug/L
	Bis(2-ethylhexyl) phthalate	2.2	ug/L
	Camphene	3.5	ug/L
	Chrysene	0.3	ug/L
	Di-n-butyl phthalate	3.8	ug/L
	Di-n-octyl phthalate	2	ug/L
	Dibenz(a,h)anthracene	1.3	ug/L
	Diphenyl ether	0.4	ug/L
	Diphenylamine	14	ug/L
	Fluoranthene	0.4	ug/L
	Fluorene	1.7	ug/L
	Indeno(1,2,3-cd)pyrene	1.3	ug/L
	Indole	1.9	ug/L
	N-Nitrosodi-n-propylamine	3.1	ug/L
	N-Nitrosodiphenylamine	14	ug/L
	Naphthalene	1.6	ug/L
	Perylene	1.5	ug/L
	Phenanthrene	0.4	ug/L
	Pyrene	0.4	ug/L
20	2,3,4,5-Tetrachlorophenol	0.4	ug/L
	2,3,4,6-Tetrachlorophenol	2.8	ug/L
	2,3,4-Trichlorophenol	0.6	ug/L
	2,3,5,6-Tetrachlorophenol	1.6	ug/L
	2,3,5-Trichlorophenol	1.3	ug/L
	2,4,5-Trichlorophenol	1.3	ug/L
	2,4,6-Trichlorophenol	1.3	ug/L

PARAMETER LIST

Jan-92

MISA METAL MINING SECTOR

ATG	Parameter	RMDL	RUNIT
	2,4-Dichlorophenol	1.7	ug/L
	2,4-Dimethylphenol	7.3	ug/L
	2,4-Dinitrophenol	42	ug/L
	2,6-Dichlorophenol	2	ug/L
	2-Chlorophenol	3.7	ug/L
	4,6-Dinitro-o-cresol	24	ug/L
	4-Chloro-3-methylphenol	1.5	ug/L
	4-Nitrophenol	1.4	ug/L
	Pentachlorophenol	1.3	ug/L
	Phenol	2.4	ug/L
	m-Cresol	3.4	ug/L
	o-Cresol	3.7	ug/L
	p-Cresol	3.5	ug/L
23	1,2,3,4-Tetrachlorobenzene	0.01	ug/L
	1,2,3,5-Tetrachlorobenzene	0.01	ug/L
	1,2,3-Trichlorobenzene	0.01	ug/L
	1,2,4,5-Tetrachlorobenzene	0.01	ug/L
	1,2,4-Trichlorobenzene	0.01	ug/L
	2,4,5-Trichlorotoluene	0.01	ug/L
	Hexachlorobenzene	0.01	ug/L
	Hexachlorobutadiene	0.01	ug/L
	Hexachlorocyclopentadiene	0.01	ug/L
	Hexachloroethane	0.01	ug/L
	Octachlorostyrene	0.01	ug/L
	Pentachlorobenzene	0.01	ug/L
24	2,3,7,8 TCDD	0.00002	ug/L
	Octachlorodibenzo-p-dioxin	0.00003	ug/L
	Octachlorodibenzofuran	0.00003	ug/L
	Total H6CDD	0.00003	ug/L
	Total H6CDF	0.00002	ug/L
	Total H7CDD	0.00003	ug/L
	Total H7CDF	0.00003	ug/L
	Total PCDD	0.00002	ug/L
	Total PCDF	0.000015	ug/L
	Total TCDD	0.00002	ug/L
	Total TCDF	0.000015	ug/L
25	Oil and grease	1	mg/L
27	PCBT	0.1	ug/L
4a	Ammonia plus Ammonium	0.25	mg/L
	Total Kjeldahl Nitrogen	0.5	mg/L
4b	Nitrate+Nitrite	0.25	mg/L
5a	DOC	0.5	mg/L
5b	TOC, Total Organic Carbon	5	mg/L
M1	Chlorides	2	mg/L
M2	Cyanates	5	mg/L
	Cyanates, Filtered	5	mg/L
M3	Dissolved Solids	20	mg/L
M4	Sulphates	5	mg/L
M5	Iron	0.02	mg/L
M6	Thiocyanates	5	mg/L
	Thiocyanates, Filtered	5	mg/L
M7	Uranium	0.02	mg/L
M8	Cyanide (WAD)	0.005	mg/L

RMDL = Regulation Method Detection Limit
RUNIT = Regulation Units

APPENDIX D

Monitoring Data Classification Criteria

QC Flow Charts

General Procedure for Assessment of Monitoring Data

Flow charts for strategies used in assessing the QC data are given at the back of this appendix. The flow chart used is based on a parameters frequency and level of detection.

Parameters were categorized according to their frequency of detection based on the following criteria.

Frequently Found: Greater than 40% of the parameter's observations are above the RMDL.

Infrequently Found: For frequently monitored parameters[1], between 1% and 40% of the parameter's observations are above the RMDL.

For infrequently monitored parameters[2], between 11% and 40% of the parameter's observations are above the RMDL.

Non-Occurrence: For frequently monitored parameters, less than 1% of the parameter's observations are above the RMDL.

For less frequently monitored parameters, less than 11% of the parameter's observations are above the RMDL.

Within both the frequently and the infrequently found categories parameters were further classified according to the level of detection. Three sub-categories were used for this further classification:

- High Level - Used to describe quantitative data.
- Medium Level - Used to describe semi-quantitative data.
- Low Level - Used to describe qualitative data.

The following criteria for these classifications were used:

Frequent Occurrence:

High Level: Greater than 50% of the parameter's observations are above 5 times the RMDL.

Medium Level: Greater than 50% of the parameter's observations are above 2 times the RMDL.

Low Level: Greater than 40% of the parameter's observations are above the RMDL.

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[1]Frequently monitored parameters are those monitored thrice-weekly.

[2]Infrequently monitored parameters are those monitored monthly or quarterly.

Infrequent Occurrence:

High Level: Of those observations greater than 2 times the RMDL, more than 50% are higher than 5 times the RMDL.

Medium Level: Of those observations greater than the RMDL, more than 50% are higher than 2 times the RMDL.

Low Level: Observations do not fit the criteria listed for infrequent occurrence at either the high or medium level.

The following summary for the QC categories can be written:

Frequent Occurrence - High Level

Greater than 50% of the parameter's observations are greater than 5 times the RMDL.

Frequent Occurrence - Medium Level

Greater than 50% of the parameter's observations are greater than twice the RMDL.

Frequent Occurrence - Low Level

Greater than 40% of the parameter's observations are above the RMDL.

Infrequent Occurrence - High Level

For frequently monitored parameters, between 1% and 40% of the observations are above the RMDL, and of those observations greater than 2 times the RMDL, more than 50% are higher than 5 times the RMDL.

For infrequently monitored parameters, between 11% and 40% of the observations are above the RMDL, and of those observations greater than 2 times the RMDL, more than 50% are higher than 5 times the RMDL.

Infrequent Occurrence - Medium Level

For frequently monitored parameters, between 1% and 40% of the observations are above the RMDL, and of those observations higher than the RMDL, more than 50% are higher than 2 times the RMDL.

For infrequently monitored parameters, between 11% and 40% of the observations are above the RMDL, and of those observations higher than the RMDL, more than 50% are higher than 2 times the RMDL.

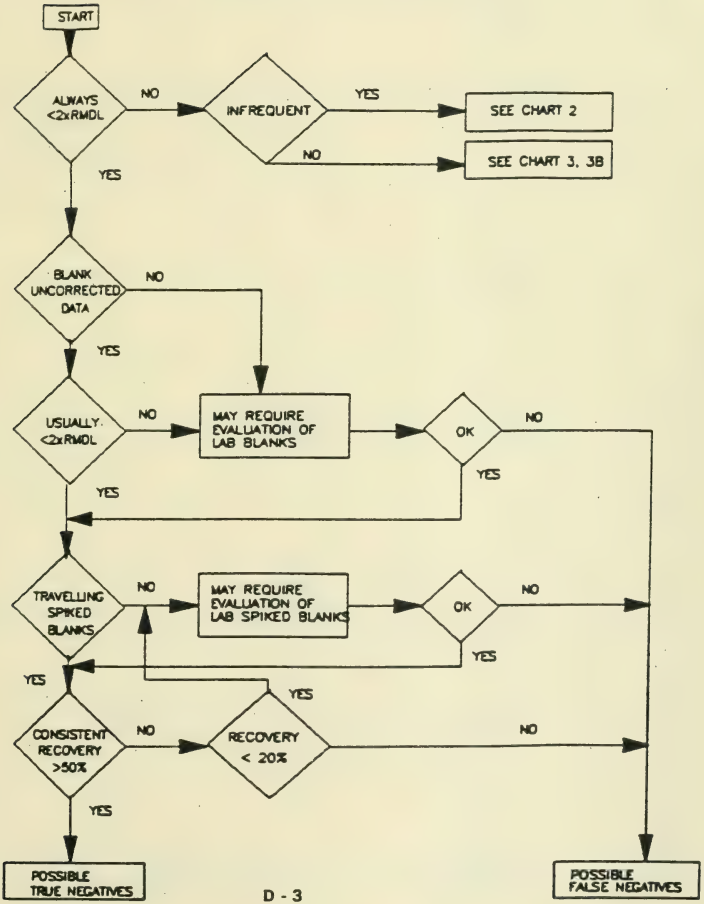
Infrequent Occurrence - Low Level

Observations do not fit the criteria listed for infrequent occurrence at either the high or medium level.

The categories discussed above are quite subjective and are used only for the purpose of identifying the predominant QA/QC concerns.

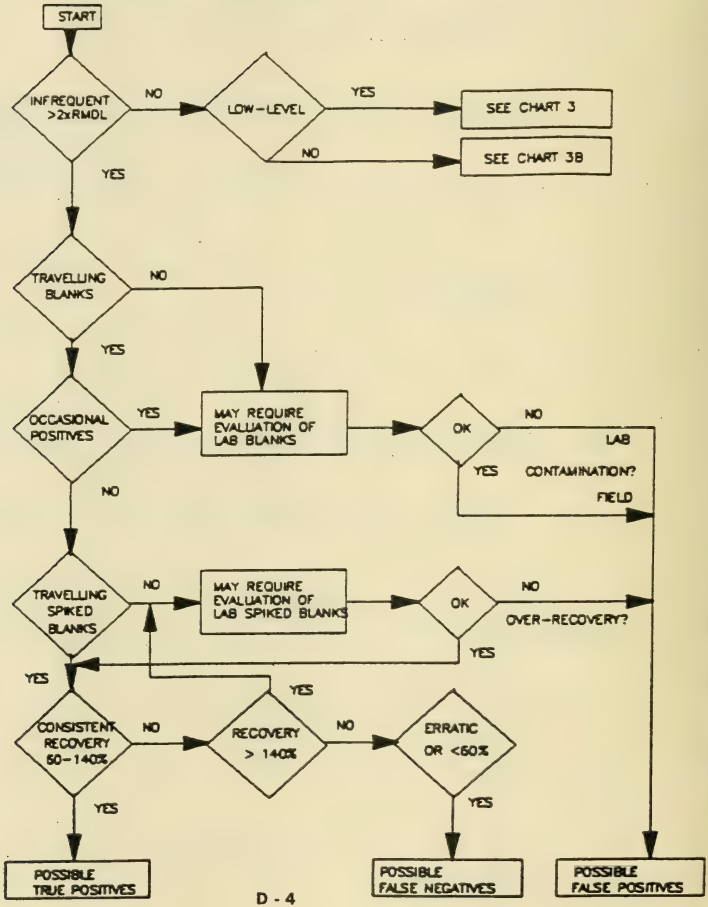
FLOWCHART 1

NON-OCCURRENCE



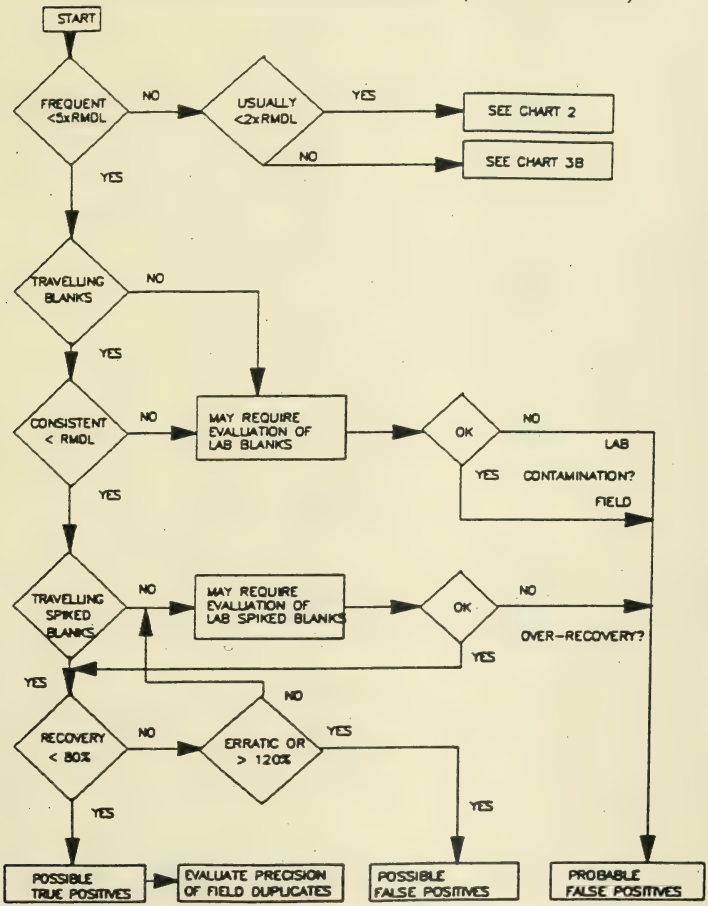
FLOWCHART 2

INFREQUENT OCCURRENCE



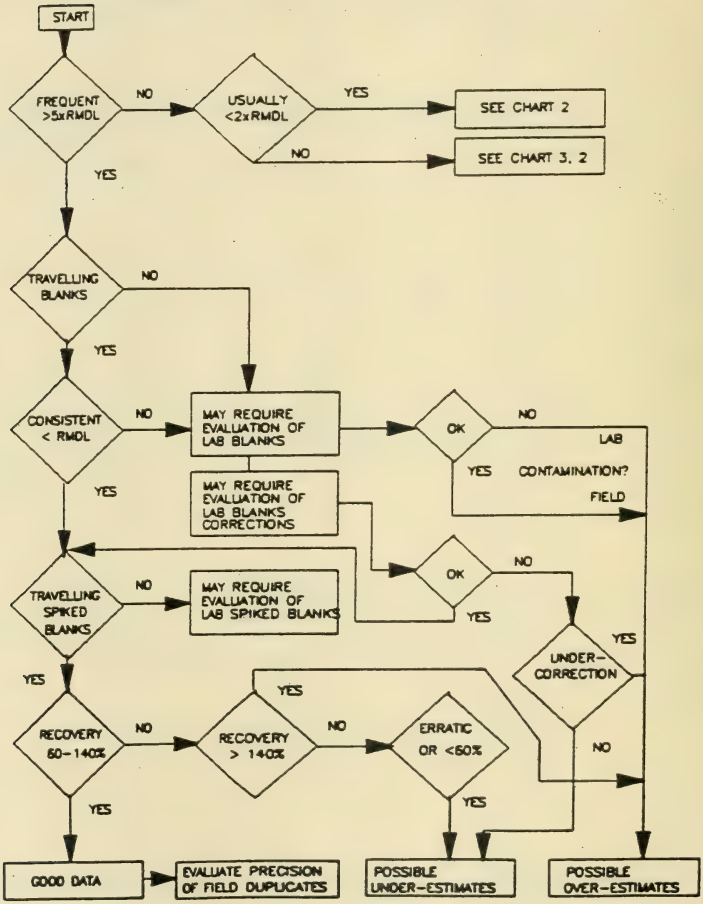
FLOWCHART 3

FREQUENT OCCURRENCE (LOW-LEVEL)



FLOWCHART 3B

FREQUENT OCCURRENCE (HIGH-LEVEL)



APPENDIX E

Non-selected Parameters with Under-recovery for Travelling Spiked Blanks

Cis-1,3-Dichloropropylene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
31 - Canamax, Kremzar Mine	PR 0100	1	11.4	11.4	11.4	11.4	8.1
46 - Algoma Steel, Ore Division	PR 0100	1	10.2	10.2	10.2	10.2	7.7
21 - Canamax, Bell Creek Mine	PR 0100	1	6.1	6.1	6.1	6.1	3.1

Trans-1,3-Dichloropropylene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
31 - Canamax, Kremzar Mine	PR 0100	1	12.3	12.3	12.3	12.3	8.1
46 - Algoma Steel, Ore Division	PR 0100	1	4.0	4.0	4.0	4.0	5.1

Chloromethane - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
21 - Canamax, Bell Creek Mine	PR 0100	1	6.9	6.9	6.9	6.9	2.5

Chloroform - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
21 - Canamax, Bell Creek Mine	PR 0100	1	.1	.1	.1	.1	9000.0

Trans-1,2-Dichloroethylene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
24 - Teck - Corona, David Bell Mine	PR 0100	3	16.7	17.5	23.7	19.3	4.5

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Bromomethane - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
46 - Algoma Steel, Ore Division	PR 0100	1	17.3	17.3	17.3	17.3	4.1

Acrolein - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
07 - INCO, Levack Mine	MW 0100	4	4.4	19.4	58.7	25.5	5.1
39 - Giant Yellowknife, Pamour #1	PR 0100	2	6.0	20.5	35.0	20.5	5.0
37 - Bond Gold, Muskegsagagagen Lake	PR 0100	2	5.2	17.3	29.4	17.3	11.4
31 - Canamax, Kremzar Mine	PR 0100	1	16.1	16.1	16.1	16.1	6.2
26 - Placer Dome, Dome Mine	PR 0100	3	7.0	10.0	19.0	12.0	5.0
46 - Algoma Steel, Ore Division	PR 0100	1	2.0	2.0	2.0	2.0	5.0

Benzylbutylphthalate - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
57 - Cameco, Refinery, Port Hope	SR 0300	3	9.0	9.5	65.0	27.8	33.3
39 - Giant Yellowknife, Pamour #1	PR 0100	4	4.8	12.8	58.4	22.2	20.8
25 - Placer Dome, Detour Lake Mine	PR 0100	3	14.4	20.8	27.2	20.8	20.8
26 - Placer Dome, Dome Mine	PR 0100	3	4.0	19.2	36.0	19.7	20.8
05 - Noranda Minerals, Geco Division	PR 0100	4	.8	21.2	31.2	18.6	20.8
28 - Eastmaque Gold Mines	PR 0100	4	.8	21.2	31.2	18.6	20.8
30 - Hemlo Gold Mines, Golden Giant	PR 0100	2	16.8	18.4	20.0	18.4	20.8
32 - LAC Minerals, Macassa Division	PR 0100	3	4.0	16.0	26.4	15.5	20.8
39 - Giant Yellowknife, Pamour #1	PR 0200	1	14.4	14.4	14.4	14.4	20.8
46 - Algoma Steel, Ore Division	PR 0100	1	4.0	4.0	4.0	4.0	16.7

Camphene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
53 - Rio Algom, Panel	SW 0100	4	5.0	20.8	35.0	20.4	5.7

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

1-Methylnaphthalene - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
46 - Algoma Steel, Ore Division	PR 0100	1	19.0	19.0	19.0	19.0	3.1

2-Methylnaphthalene - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
46 - Algoma Steel, Ore Division	PR 0100	1	14.0	14.0	14.0	14.0	4.5

Indole - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
54 - Rio Algom, Pronto	SW 0100	3	6.0	12.5	90.0	36.2	10.5
53 - Rio Algom, Panel	SW 0100	4	6.0	17.3	75.0	28.9	10.5
09 - Falconbridge, Metallurgical	PR 0100	4	3.0	17.3	51.4	22.3	8.4

2,4-Dimethylphenol - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
57 - Cameco, Refinery, Port Hope	SR 0300	3	8.5	8.5	24.5	13.8	2.7
55 - Rio Algom, Quirke	PR 0100	4	8.5	8.5	27.0	13.1	2.7
54 - Rio Algom, Pronto	SW 0100	3	8.5	8.5	15.0	10.7	2.7
53 - Rio Algom, Panel	SW 0100	4	8.5	8.5	16.5	10.5	2.7
57 - Cameco, Refinery, Port Hope	SR 0100	4	8.5	8.5	13.5	9.8	2.7
57 - Cameco, Refinery, Port Hope	SR 0200	4	8.5	8.5	13.0	9.6	2.7
51 - Denison Mines, Denison Property	PR 0100	4	8.5	8.5	11.5	9.3	2.7
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	8.5	8.5	9.0	8.6	2.7
56 - Cameco, Refinery, Blind River	SR 0300	3	8.5	8.5	8.5	8.5	2.7
58 - Rio Algom, Stanleigh	SW 0100	4	8.5	8.5	8.5	8.5	2.7
51 - Denison Mines, Denison Property	SW 0200	4	8.5	8.5	8.5	8.5	2.7
59 - Denison Mines, Stanrock	SW 0100	4	8.5	8.5	8.5	8.5	2.7

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

4-Nitrophenol - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
57 - Cameco, Refinery, Port Hope	SR 0300	3	7.0	7.0	115.0	43.0	14.3
56 - Cameco, Refinery, Blind River	SR 0300	3	7.0	19.0	70.0	32.0	14.3
55 - Rio Algom, Quirke	PR 0100	4	7.0	16.0	70.0	27.3	14.3
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	7.0	17.8	50.0	23.1	14.3

o-Cresol - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
54 - Rio Algom, Pronto	SW 0100	3	8.5	10.0	65.0	27.8	5.4
53 - Rio Algom, Panel	SW 0100	4	10.0	20.0	49.5	24.9	5.4
58 - Rio Algom, Stanleigh	SW 0100	4	8.5	14.0	40.0	19.1	5.4

Phenol - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	15.0	20.5	35.0	22.8	8.3
02 - INCO, Crean Hill Mine	MW 0100	4	15.0	20.5	30.0	21.5	4.2
09 - Falconbridge, Metallurgical	PR 0100	4	11.0	17.1	31.5	19.2	10.4

Hexachlorobutadiene - Travelling Spiked Blanks

Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
27 - Placer Dome, Dona Lake Mine	PR 0100	2	10.6	14.3	18.0	14.3	15.4

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

Hexachlorocyclopentadiene - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
55 - Rio Algom, Quirke	PR 0100	4	4.7	17.4	100.0	34.9	10.0
58 - Rio Algom, Stanleigh	SW 0100	4	4.7	7.4	120.0	34.9	10.0
53 - Rio Algom, Panel	SW 0100	4	4.7	4.7	120.0	33.5	10.0
52 - Rio Algom, Lacnor/Nordic	SW 0100	4	4.7	22.4	60.0	27.4	10.0
39 - Giant Yellowknife, Pamour #1	PR 0200	1	12.3	12.3	12.3	12.3	18.8

1,2,3,5-Tetrachlorobenzene - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
27 - Placer Dome, Dona Lake Mine	PR 0100	2	16.0	17.5	19.0	17.5	15.0

1,2,4,5-Tetrachlorobenzene - Travelling Spiked Blanks
Range of % Recoveries

Company	CtrlPt.	Number of Samples	% Recoveries (1) Minimum	Median	Maximum	Average	Spike/ RMDL (2)
27 - Placer Dome, Dona Lake Mine	PR 0100	2	15.8	17.4	19.0	17.4	15.1

NOTE: (1) - % Recovery = Analytical Result Divided by the Quantity Spiked X 100%
(2) - Spike / RMDL = Quantity Spiked Divided by the Regulation Method Detection Limit (RMDL)

APPENDIX 4

SUMMARY OF FLOW DATA

MISA Metal Mining Sector
12 - Month Monitoring Data
February 1, 1990 to January 31, 1991

Summary of Flow Data (m3/day)
MISA Metal Mining Sector

12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Company Identification	Control Point	N	Minimum	Median	Maximum	Mean	% C.V.	Standard Deviation
01 – INCO, Copper Cliff T.P.	PR 0100	156	24000	103000	203000	101000	34.3	34800
02 – INCO, Crean Hill Mine	MW 0100	157	381	2130	16100	2570	77.7	1990
03 – Falconbridge, Falconbridge	PR 0100	156	206	23100	79400	23800	56.9	13600
04 – INCO, Garson Mine	MW 0100	157	1170	2280	5880	2630	35.9	943
05 – Noranda Minerals, Geco Division	PR 0100	142	3290	5980	7550	5930	15.7	929
06 – Falconbridge, Kidd Creek Mine	MW 0100	148	1000	14100	51600	16600	62	10300
07 – INCO, Levack Mine	MW 0100	148	53	1960	15600	2280	95	2170
08 – Falconbridge, Lockerby	MW 0100	155	334	1250	4040	1350	37.9	511
09 – Falconbridge, Metallurgical	PR 0100	156	4300	39300	310000	50800	72.6	36900
10 – INCO, Refinery, Sudbury	SR 0100	157	760	3620	8610	3490	34.1	1190
11 – INCO, Nolin Creek T.P.	SW 0100	12	2400	16500	28800	16000	47.3	7560
12 – Falconbridge, Onaping	MW 0100	155	248	1040	4570	1060	46.9	499
13 – INCO, Refinery, Port Colborne	SR 0100	154	1250	9900	21400	10000	31.8	3200
14 – INCO, Shebandowan Mine	PR 0100	154	883	4710	13900	4790	46.5	2230
15 – Falconbridge, Strathcona	PR 0100	118	25.2	26500	129000	31400	78.4	24600
16 – INCO, Whistle Mine	MW 0100	89	6	359	3100	527	109	576
17 – Minnova, Winston Lake Mine	PR 0100	99	356	1720	4570	1670	45.2	754
19 – Dickenson, Arthur W. White Mine	PR 0100	136	964	17200	147000	36200	101	36700
21 – Canamax, Bell Creek Mine	PR 0100	42	47	1090	3000	1330	60.3	801
24 – Teck – Corona, David Bell Mine	PR 0100	110	385	2640	3360	2540	18.7	475
25 – Placer Dome, Detour Lake Mine	PR 0100	157	10	11700	192000	30300	140	42500
26 – Placer Dome, Dome Mine	PR 0100	78	3520	14900	65100	19600	71.5	14000
27 – Placer Dome, Dona Lake Mine	PR 0100	60	5200	24400	49300	25600	37.1	9500
28 – Eastmaque Gold Mines	PR 0100	156	485	5470	48900	9330	109	10200
29 – Giant Yellowknife, ERG Res.	PR 0100	18	28800	47700	116000	64000	62.5	40000
30 – Hemlo Gold Mines, Golden Giant	PR 0100	69	456	5740	6290	5290	20.9	1100
31 – Canamax, Kremzar Mine	PR 0100	47	4970	13900	18600	11400	44.8	5120
32 – LAC Minerals, Macassa Division	PR 0100	156	346	4900	311000	22200	276	61400
35 – Canamax, Marhill Mine	MW 0100	156	556	1190	2000	1250	20.7	258
36 – American Barrick, McDermott	PR 0100	22	18300	31000	35400	29500	16.5	4870
37 – Bond Gold, Muskegsagagagen Lake	PR 0100	136	59	900	15300	2080	136	2830
38 – LAC Minerals, Williams Mine	MW 0100	24	31	1710	5600	1580	89.7	1410
38 – LAC Minerals, Williams Mine	PR 0200	64	5500	13400	14300	13300	10.8	1430
39 – Giant Yellowknife, Pamour #1	PR 0100	117	40	2670	20400	4010	96.4	3860
39 – Giant Yellowknife, Pamour #1	PR 0200	22	90	260	4020	1180	111	1320
40 – Giant Yellowknife, P–S	MW 0100	0						
42 – Renabie Gold Mines	PR 0100	83	3	3720	101000	9360	200	18700
45 – St. Andrews Gold Fields	PR 0100	61	432	1210	3460	1340	53.8	722
46 – Algoma Steel, Ore Division	PR 0100	78	5190	9540	15500	9620	21	2020
51 – Denison Mines, Denison Property	PR 0100	158	12800	28800	42200	29300	16.4	4800
51 – Denison Mines, Denison Property	SW 0200	12	173	259	950	355	68.2	242
52 – Rio Algom, Lacnor/Nordic	SW 0100	12	130	4370	20000	6720	106	7110
53 – Rio Algom, Panel	SR 0100	145	2290	10300	18300	9890	25.2	2490
54 – Rio Algom, Pronto	SW 0100	6	2680	9370	14800	8990	54.7	4910
55 – Rio Algom, Quirke	PR 0100	149	345	17200	39400	18500	56.4	10400
56 – Cameco, Refinery, Blind River	SR 0300	97	153	667	1300	668	22.9	153
57 – Cameco, Refinery, Port Hope	SR 0100	100	3810	19800	27400	19100	24.7	4710
57 – Cameco, Refinery, Port Hope	SR 0200	102	319	1830	3960	1800	40.3	726
57 – Cameco, Refinery, Port Hope	SR 0300	103	136	694	1090	625	38.8	242
58 – Rio Algom, Stanleigh	SR 0100	145	683	20200	28300	18700	33.4	6230
59 – Denison Mines, Stanrock	SW 0100	12	92	1520	6600	2440	88.4	2160

APPENDIX 5

LONG TERM AVERAGE (LTA) CONCENTRATION AND LOADING

MISA Metal Mining Sector
12 - Month Monitoring Data
February 1, 1990 to January 31, 1991

1 – INCO, Copper Cliff T.P.
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	12	12	26.5 mg/L	2580	940000
02	Cyanide Total	0.005 mg/L	111	156	0.018 mg/L	1.66	604
03	Hydrogen ion (pH)			156	9.98		
08	Total suspended solids	5 mg/L	139	155	18.3 mg/L	1850	673000
09	Cobalt	0.02 mg/L	10	12	0.0392 mg/L	4.14	1510
	Copper	0.01 mg/L	156	156	0.208 mg/L	21.4	7780
	Nickel	0.02 mg/L	155	156	0.613 mg/L	59.9	21800
	Zinc	0.01 mg/L	27	156	0.00957 mg/L	0.888	323
10	Selenium	0.005 mg/L	3	4	0.156 mg/L	19.3	7020
14	Phenolics (4AAP)	2 ug/L	10	12	7.03 ug/L	0.523	190
16	1,1–Dichloroethane *	0.8 ug/L	4	4	1.23 ug/L	0.0954	34.7
17	Toluene	0.5 ug/L	3	4	1.48 ug/L	0.105	38.3
23	Hexachloroethane *	0.01 ug/L	4	4	0.0425 ug/L	0.00396	1.44
25	Oil and grease *	1 mg/L	120	156	0.942 mg/L	96.5	35100
4a	Ammonia plus Ammonium	0.25 mg/L	156	156	5.92 mg/L	606	221000
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	7.87 mg/L	751	274000
4b	Nitrate+Nitrite	0.25 mg/L	12	12	2.56 mg/L	249	90700
5b	TOC, Total Organic Carbon	5 mg/L	3	4	5.18 mg/L	538	196000
98	Ftflow			156	101000 m3/day		
M1	Chlorides	2 mg/L	4	4	86.8 mg/L	8890	3240000
M3	Dissolved Solids	20 mg/L	12	12	2230 mg/L	220000	80000000
M4	Sulphates	5 mg/L	12	12	1290 mg/L	128000	46600000
M5	Iron	0.02 mg/L	12	12	0.517 mg/L	57.3	20800
M6	Thiocyanates, Filtered *	5 mg/L	4	4	10 mg/L	960	349000
	Number of Days of Effluent Discharge			364			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

2 – INCO, Crean Hill Mine
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	10	12	18.4 mg/L	49.2	18000
03	Hydrogen ion (pH)			157	9.95		
09	Copper	0.01 mg/L	33	157	0.00896 mg/L	0.0245	8.95
	Nickel	0.02 mg/L	157	157	0.191 mg/L	0.815	298
	Zinc	0.01 mg/L	32	157	0.39 mg/L	0.911	333
14	Phenolics (4AAP)	2 ug/L	11	12	4.25 ug/L	0.0125	4.56
16	1,1–Dichloroethane *	0.8 ug/L	4	4	0.9 ug/L	0.00141	0.516
23	Hexachloroethane *	0.01 ug/L	4	4	0.077 ug/L	0.000108	0.0394
25	Oil and grease *	1 mg/L	118	156	0.935 mg/L	2.35	857
4a	Ammonia plus Ammonium	0.25 mg/L	117	157	1.48 mg/L	3.64	1330
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	2.1 mg/L	5.6	2040
4b	Nitrate+Nitrite	0.25 mg/L	12	12	2.43 mg/L	5.91	2160
98	Ftflow			157	2570 m3/day		
M1	Chlorides	2 mg/L	4	4	22300 mg/L	13500	4920000
M3	Dissolved Solids	20 mg/L	12	12	1350 mg/L	3230	1180000
M4	Sulphates	5 mg/L	12	12	735 mg/L	1720	626000
M5	Iron	0.02 mg/L	12	12	0.0535 mg/L	0.267	97.6
M6	Thiocyanates, Filtered *	5 mg/L	4	4	10 mg/L	15.7	5740
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

3 – Falconbridge, Falconbridge
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	12	16.1 mg/L	390	143000
02	Cyanide Total	0.005 mg/L	73	95	0.00803 mg/L	0.141	51.4
03	Hydrogen ion (pH)			156	6.79		
06	Total suspended solids	5 mg/L	24	156	3.75 mg/L	76.8	28000
09	Aluminum	0.03 mg/L	4	4	0.11 mg/L	3.27	1190
	Cobalt	0.02 mg/L	6	12	0.0196 mg/L	0.496	181
	Copper	0.01 mg/L	75	156	0.015 mg/L	0.333	122
	Molybdenum	0.02 mg/L	4	4	0.085 mg/L	1.99	727
	Nickel	0.02 mg/L	156	156	0.316 mg/L	7.93	2890
	Zinc	0.01 mg/L	49	156	0.0186 mg/L	0.452	165
10	Arsenic	0.005 mg/L	31	156	0.00519 mg/L	0.0975	35.6
14	Phenolics (4AAP)	2 ug/L	7	12	8.89 ug/L	0.216	78.7
25	Oil and grease	1 mg/L	35	156	2.66 mg/L	69.6	25400
4a	Ammonia plus Ammonium	0.25 mg/L	66	156	0.283 mg/L	7.44	2720
	Total Kjeldahl Nitrogen	0.5 mg/L	6	12	0.778 mg/L	19.9	7250
5b	TOC, Total Organic Carbon	5 mg/L	3	4	4.15 mg/L	112	40800
98	Ftflow			156	23800 m3/day		
M1	Chlorides	2 mg/L	4	4	30.7 mg/L	688	251000
M3	Dissolved Solids	20 mg/L	12	12	637 mg/L	15000	5490000
M4	Sulphates	5 mg/L	12	12	328 mg/L	8000	2920000
M5	Iron	0.02 mg/L	12	12	0.864 mg/L	15.7	5720
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

4 – INCO, Garson Mine
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			157	10.1		
08	Total suspended solids	5 mg/L	138	157	9.25 mg/L	26.3	9590
09	Copper	0.01 mg/L	56	157	0.0134 mg/L	0.0399	14.6
	Nickel	0.02 mg/L	157	157	0.534 mg/L	1.42	519
	Zinc	0.01 mg/L	41	157	0.00922 mg/L	0.0284	10.4
14	Phenolics (4AAP) *	2 ug/L	6	12	2.33 ug/L	0.00552	2.01
16	1,1–Dichloroethane *	0.8 ug/L	4	4	0.9 ug/L	0.00172	0.626
23	Hexachloroethane *	0.01 ug/L	4	4	0.048 ug/L	0.000092	0.0336
25	Oil and grease *	1 mg/L	121	157	0.942 mg/L	2.45	894
4a	Total Kjeldahl Nitrogen	0.5 mg/L	8	12	1.42 mg/L	3.26	1190
4b	Nitrate+Nitrite	0.25 mg/L	12	12	2.78 mg/L	6.84	2500
98	Ftflow			157	2630 m3/day		
M1	Chlorides	2 mg/L	4	4	119 mg/L	226	82500
M3	Dissolved Solids	20 mg/L	12	12	1860 mg/L	4350	1590000
M4	Sulphates	5 mg/L	12	12	996 mg/L	2330	849000
M5	Iron	0.02 mg/L	7	12	0.343 mg/L	0.713	260
M6	Thiocyanates, Filtered *	5 mg/L	4	4	10 mg/L	19.1	6960
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

5 – Noranda Minerals, Geco Division
PR 0100 – WWTP Effluent
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	12	12	40.6 mg/L	246	82700
02	Cyanide Total	0.005 mg/L	35	142	0.0164 mg/L	0.1	33.8
03	Hydrogen ion (pH)			142	9.24		
08	Total suspended solids	5 mg/L	90	142	15.1 mg/L	89.8	30200
09	Aluminum	0.03 mg/L	3	4	0.143 mg/L	0.887	298
	Copper	0.01 mg/L	141	142	0.181 mg/L	1.08	364
	Nickel *	0.02 mg/L	21	142	0.0158 mg/L	0.0961	32.3
	Zinc	0.01 mg/L	137	138	0.0604 mg/L	0.36	121
14	Phenolics (4AAP)	2 ug/L	6	12	1.62 ug/L	0.0103	3.46
17	Toluene	0.5 ug/L	4	4	1.15 ug/L	0.00693	2.33
	m–Xylene and p–Xylene	1.1 ug/L	4	4	7.1 ug/L	0.0433	14.6
	o–Xylene	0.5 ug/L	4	4	3.95 ug/L	0.0241	8.11
19	2–Methylnaphthalene	2.2 ug/L	4	4	3.93 ug/L	0.0249	8.39
	Naphthalene	1.6 ug/L	4	4	3.1 ug/L	0.0194	6.52
25	Oil and grease *	1 mg/L	60	142	1.38 mg/L	8.23	2770
4a	Ammonia plus Ammonium	0.25 mg/L	140	140	50.2 mg/L	295	99400
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	50 mg/L	305	103000
4b	Nitrate+Nitrite	0.25 mg/L	12	12	1.84 mg/L	11.3	3800
5b	TOC, Total Organic Carbon	5 mg/L	4	4	7.3 mg/L	43.6	14700
98	Ftflow			142	5930 m3/day		
M1	Chlorides	2 mg/L	4	4	30.1 mg/L	179	60200
M3	Dissolved Solids	20 mg/L	12	12	4240 mg/L	26100	8790000
M4	Sulphates	5 mg/L	12	12	2660 mg/L	16600	5590000
M5	Iron	0.02 mg/L	12	12	0.232 mg/L	1.42	476
M6	Thiocyanates, Filtered	5 mg/L	4	4	26 mg/L	154	51900
	Number of Days of Effluent Discharge			336.5			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

6 – Falconbridge, Kidd Creek Mine
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	11	12	21.3 mg/L	371	135000
03	Hydrogen ion (pH)			148	10.8		
08	Total suspended solids	5 mg/L	71	148	7.39 mg/L	139	50700
09	Aluminum	0.03 mg/L	4	4	0.118 mg/L	2.1	766
	Cadmium	0.002 mg/L	10	12	0.0085 mg/L	0.165	60.2
	Copper	0.01 mg/L	146	148	0.0531 mg/L	1.03	374
	Zinc	0.01 mg/L	146	148	1.23 mg/L	29.4	10700
10	Selenium	0.005 mg/L	3	4	0.008 mg/L	0.118	43
14	Phenolics (4AAP) *	2 ug/L	8	11	6.91 ug/L	0.0815	29.7
25	Oil and grease	1 mg/L	71	148	2.28 mg/L	34.5	12600
4a	Ammonia plus Ammonium	0.25 mg/L	143	148	1.71 mg/L	19.2	7020
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	2.58 mg/L	33	12100
4b	Nitrate+Nitrite	0.25 mg/L	12	12	10.3 mg/L	107	39000
5b	TOC, Total Organic Carbon	5 mg/L	3	4	5.03 mg/L	57	20800
98	Ftflow			148	16600 m3/day		
M1	Chlorides	2 mg/L	4	4	47.8 mg/L	448	163000
M3	Dissolved Solids	20 mg/L	12	12	782 mg/L	11600	4250000
M4	Sulphates	5 mg/L	12	12	285 mg/L	4010	1460000
M5	Iron	0.02 mg/L	10	12	0.0971 mg/L	1.86	679
M8	Cyanide (WAD) *	0.005 mg/L	4	4	0.02 mg/L	0.289	105
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

7 – INCO, Levack Mine
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	7	11	14.6 mg/L	32.9	11400
03	Hydrogen ion (pH)			148	9.43		
08	Total suspended solids	5 mg/L	105	148	17.5 mg/L	50.3	17500
09	Copper	0.01 mg/L	85	148	0.0237 mg/L	0.0776	26.9
	Nickel	0.02 mg/L	147	148	0.983 mg/L	2.6	902
	Zinc	0.01 mg/L	25	148	0.00898 mg/L	0.0251	8.71
14	Phenolics (4AAP)	2 ug/L	10	11	4.65 ug/L	0.00912	3.17
16	1,1–Dichloroethane *	0.8 ug/L	3	4	0.8 ug/L	0.00114	0.394
23	Hexachloroethane *	0.01 ug/L	3	4	0.057 ug/L	0.000055	0.0191
25	Oil and grease *	1 mg/L	115	147	0.964 mg/L	2.08	722
4a	Ammonia plus Ammonium	0.25 mg/L	148	148	3.6 mg/L	8.98	3120
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	4.23 mg/L	10.1	3490
4b	Nitrate+Nitrite	0.25 mg/L	11	11	9.16 mg/L	16.5	5730
98	Ftflow			148	2280 m3/day		
M1	Chlorides	2 mg/L	4	4	78.7 mg/L	99.6	34600
M3	Dissolved Solids	20 mg/L	11	11	1700 mg/L	3580	1240000
M4	Sulphates	5 mg/L	11	11	986 mg/L	2000	695000
M5	Iron	0.02 mg/L	11	11	0.767 mg/L	3.72	1290
M6	Thiocyanates, Filtered *	5 mg/L	3	3	10 mg/L	8.28	2870
	Number of Days of Effluent Discharge			347			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

8 – Falconbridge, Lockerby
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	9	11	21.9 mg/L	29.4	10700
02	Cyanide Total	0.005 mg/L	53	94	0.00655 mg/L	0.00963	3.51
03	Hydrogen ion (pH)			155	7.36		
09	Aluminum	0.03 mg/L	3	4	0.128 mg/L	0.183	66.9
	Copper	0.01 mg/L	41	154	0.0111 mg/L	0.0144	5.25
	Nickel	0.02 mg/L	150	154	0.144 mg/L	0.217	79.2
	Zinc	0.01 mg/L	53	154	0.0171 mg/L	0.0225	8.2
14	Phenolics (4AAP)	2 ug/L	10	11	10 ug/L	0.0126	4.61
16	Chloroform *	0.7 ug/L	2	3	1.3 ug/L	0.00155	0.565
25	Oil and grease	1 mg/L	42	154	1.9 mg/L	2.46	898
4a	Ammonia plus Ammonium	0.25 mg/L	135	155	1.35 mg/L	1.78	648
	Total Kjeldahl Nitrogen	0.5 mg/L	10	11	1.77 mg/L	2.35	856
4b	Nitrate+Nitrite	0.25 mg/L	11	11	5.69 mg/L	7.19	2620
98	Ftflow			155	1350 m3/day		
M1	Chlorides	2 mg/L	4	4	245 mg/L	252	92100
M3	Dissolved Solids	20 mg/L	11	11	1470 mg/L	2100	767000
M4	Sulphates	5 mg/L	11	11	361 mg/L	454	166000
M5	Iron	0.02 mg/L	10	11	0.0769 mg/L	0.109	39.9
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

9 – Falconbridge, Metallurgical
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	12	12	49.5 mg/L	2550	929000
02	Cyanide Total	0.005 mg/L	156	156	1.29 mg/L	54.6	19900
03	Hydrogen ion (pH)			157	10.9		
08	Total suspended solids	5 mg/L	98	155	12.2 mg/L	632	231000
09	Aluminum	0.03 mg/L	4	4	0.138 mg/L	5.71	2080
	Cadmium	0.002 mg/L	12	12	0.0163 mg/L	0.878	320
	Copper	0.01 mg/L	128	157	0.375 mg/L	13.7	5010
	Nickel	0.02 mg/L	25	157	0.0155 mg/L	0.811	296
	Zinc	0.01 mg/L	155	157	0.822 mg/L	43.6	15900
10	Arsenic	0.005 mg/L	38	157	0.0165 mg/L	0.674	246
	Selenium	0.005 mg/L	3	4	0.172 mg/L	6.73	2460
14	Phenolics (4AAP) *	2 ug/L	10	12	4.5 ug/L	0.188	68.7
25	Oil and grease	1 mg/L	77	156	2.8 mg/L	129	47200
4a	Ammonia plus Ammonium	0.25 mg/L	119	157	0.617 mg/L	34.7	12700
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	1.21 mg/L	55.3	20200
4b	Nitrate+Nitrite	0.25 mg/L	11	12	1.59 mg/L	67.2	24500
98	Ftflow			156	50800 m3/day		
M1	Chlorides	2 mg/L	4	4	14.8 mg/L	551	201000
M3	Dissolved Solids	20 mg/L	12	12	2970 mg/L	128000	5E+07
M4	Sulphates	5 mg/L	12	12	1530 mg/L	64000	2E+07
M5	Iron	0.02 mg/L	9	12	0.125 mg/L	7.12	2600
M8	Cyanide (WAD) *	0.005 mg/L	4	4	0.02 mg/L	0.772	282
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

10 – INCO, Refinery, Sudbury
SR 0100 – Discharge from Second Pond
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	4	12	10.3 mg/L	39.2	14300
03	Hydrogen ion (pH)			157	9.91		
08	Total suspended solids	5 mg/L	49	157	4.2 mg/L	15	5470
09	Cobalt	0.02 mg/L	10	12	0.0309 mg/L	0.122	44.5
	Copper	0.01 mg/L	150	157	0.112 mg/L	0.398	145
	Lead	0.03 mg/L	73	157	0.033 mg/L	0.123	44.9
	Nickel	0.02 mg/L	157	157	0.721 mg/L	2.65	968
	Zinc	0.01 mg/L	48	156	0.00946 mg/L	0.0322	11.7
10	Arsenic	0.005 mg/L	68	157	0.007 mg/L	0.0243	8.85
14	Phenolics (4AAP)	2 ug/L	12	12	24 ug/L	0.093	34
16	1,1-Dichloroethane *	0.8 ug/L	4	4	0.9 ug/L	0.00445	1.62
	Chloroform	0.7 ug/L	3	4	1.4 ug/L	0.00759	2.77
23	Hexachloroethane *	0.01 ug/L	3	4	0.0455 ug/L	0.000197	0.0719
25	Oil and grease *	1 mg/L	119	157	0.935 mg/L	3.17	1160
4a	Ammonia plus Ammonium	0.25 mg/L	114	157	0.802 mg/L	2.77	1010
	Total Kjeldahl Nitrogen	0.5 mg/L	11	12	1.28 mg/L	4.39	1600
4b	Nitrate+Nitrite	0.25 mg/L	12	12	0.554 mg/L	2.23	813
98	Ftflow			157	3490 m3/day		
M1	Chlorides	2 mg/L	4	4	17.1 mg/L	86.8	31700
M3	Dissolved Solids	20 mg/L	12	12	209 mg/L	792	289000
M4	Sulphates	5 mg/L	11	11	151 mg/L	530	193000
M5	Iron	0.02 mg/L	11	12	0.125 mg/L	0.519	189
M6	Thiocyanates, Filtered *	5 mg/L	4	4	10 mg/L	49.4	18000
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

11 – INCO, Nolin Creek T.P.
SW 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			12	10		
08	Total suspended solids	5 mg/L	11	12	29.5 mg/L	456	167000
09	Aluminum	0.03 mg/L	4	4	0.253 mg/L	4.27	1560
	Cadmium	0.002 mg/L	4	12	0.00217 mg/L	0.034	12.4
	Cobalt	0.02 mg/L	7	12	0.0951 mg/L	1.51	551
	Copper	0.01 mg/L	11	12	0.724 mg/L	11.6	4240
	Nickel	0.02 mg/L	12	12	2.72 mg/L	44.2	16100
	Zinc	0.01 mg/L	9	12	0.0617 mg/L	0.985	359
14	Phenolics (4AAP)	2 ug/L	10	12	3.49 ug/L	0.0573	20.9
16	1,1–Dichloroethane *	0.8 ug/L	3	4	0.8 ug/L	0.0106	3.88
23	Hexachloroethane *	0.01 ug/L	3	4	0.0425 ug/L	0.000622	0.227
25	Oil and grease *	1 mg/L	9	12	1.13 mg/L	18	6580
4a	Ammonia plus Ammonium	0.25 mg/L	12	12	2.7 mg/L	30.2	11000
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	3.97 mg/L	47.1	17200
4b	Nitrate+Nitrite	0.25 mg/L	11	12	0.525 mg/L	9.57	3490
98	Ftflow			12	16000 m3/day		
M1	Chlorides	2 mg/L	4	4	96.5 mg/L	1390	507000
M3	Dissolved Solids	20 mg/L	12	12	1040 mg/L	14100	5140000
M4	Sulphates	5 mg/L	12	12	598 mg/L	7640	2790000
M5	Iron	0.02 mg/L	12	12	2.78 mg/L	43.3	15800
M6	Thiocyanates, Filtered *	5 mg/L	3	4	7.85 mg/L	98.2	35900
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

12 – Falconbridge, Onaping

MW 0100 – Discharge from Onaping Mine Pond

Selected Parameters

MISA METAL MINING SECTOR

12 Month Monitoring Data

February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	10	22.9 mg/L	25.1	9160
02	Cyanide Total	0.005 mg/L	86	95	0.00929 mg/L	0.00917	3.35
03	Hydrogen ion (pH)			155	9.8		
06	Total phosphorus	0.1 mg/L	4	10	0.101 mg/L	0.12	43.8
08	Total suspended solids	5 mg/L	126	155	8.76 mg/L	10.2	3730
09	Aluminum	0.03 mg/L	3	4	0.259 mg/L	0.408	149
	Chromium	0.02 mg/L	3	4	0.0448 mg/L	0.0536	19.6
	Copper	0.01 mg/L	44	154	0.0111 mg/L	0.0117	4.28
	Nickel	0.02 mg/L	150	154	0.248 mg/L	0.279	102
	Zinc *	0.01 mg/L	40	154	0.0335 mg/L	0.0279	10.2
14	Phenolics (4AAP)	2 ug/L	7	10	10.7 ug/L	0.0127	4.65
25	Oil and grease	1 mg/L	89	154	2.16 mg/L	2.53	924
4a	Ammonia plus Ammonium	0.25 mg/L	154	155	18.5 mg/L	20.3	7410
	Total Kjeldahl Nitrogen	0.5 mg/L	10	10	19 mg/L	23.4	8540
4b	Nitrate+Nitrite	0.25 mg/L	10	10	36.4 mg/L	43.5	15900
98	Ftflow			155	1060 m3/day		
M1	Chlorides	2 mg/L	4	4	771 mg/L	988	361000
M3	Dissolved Solids	20 mg/L	10	10	2230 mg/L	2620	955000
M4	Sulphates	5 mg/L	10	10	534 mg/L	629	230000
M5	Iron	0.02 mg/L	5	10	0.0448 mg/L	0.0624	22.8
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

13 – INCO, Refinery, Port Colborne
SR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	0	12	18.6 mg/L	199	72700
03	Hydrogen ion (pH)			155	10.4		
08	Total suspended solids	5 mg/L	94	152	7.07 mg/L	76.5	27900
09	Cobalt	0.02 mg/L	11	12	0.0492 mg/L	0.503	183
	Copper	0.01 mg/L	151	153	0.168 mg/L	1.83	669
	Nickel	0.02 mg/L	153	153	0.185 mg/L	1.89	688
	Zinc	0.01 mg/L	45	153	0.00922 mg/L	0.0908	33.1
10	Antimony	0.005 mg/L	3	4	0.00988 mg/L	0.0906	33.1
	Arsenic	0.005 mg/L	152	152	0.107 mg/L	1.11	407
	Selenium	0.005 mg/L	3	4	0.0166 mg/L	0.159	58.1
14	Phenolics (4AAP)	2 ug/L	9	12	3.62 ug/L	0.0349	12.7
23	Hexachloroethane *	0.01 ug/L	4	4	0.016 ug/L	0.000156	0.0569
25	Oil and grease *	1 mg/L	113	148	0.935 mg/L	9.42	3440
4a	Ammonia plus Ammonium	0.25 mg/L	38	152	0.238 mg/L	2.2	804
	Total Kjeldahl Nitrogen	0.5 mg/L	5	12	0.828 mg/L	7.61	2780
4b	Nitrate+Nitrite	0.25 mg/L	12	12	0.96 mg/L	8.47	3090
5b	TOC, Total Organic Carbon	5 mg/L	2	3	6.47 mg/L	58	21200
98	Ftflow			154	10000 m3/day		
M1	Chlorides	2 mg/L	4	4	349 mg/L	3250	1190000
M3	Dissolved Solids	20 mg/L	12	12	4020 mg/L	41900	2E+07
M4	Sulphates	5 mg/L	12	12	2150 mg/L	22300	8140000
M5	Iron	0.02 mg/L	11	12	0.147 mg/L	1.59	580
M6	Thiocyanates, Filtered *	5 mg/L	4	4	10 mg/L	95.1	34700
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

14 – INCO, Shebandowan Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	11	12	14.8 mg/L	71.3	26000
03	Hydrogen ion (pH)			153	7.38		
08	Total suspended solids	5 mg/L	31	153	4.24 mg/L	21.5	7860
09	Aluminum	0.03 mg/L	4	4	0.0948 mg/L	0.375	137
	Nickel	0.02 mg/L	153	154	0.193 mg/L	0.917	335
14	Phenolics (4AAP)	2 ug/L	10	12	14.2 ug/L	0.0702	25.6
23	Hexachloroethane *	0.01 ug/L	3	4	0.038 ug/L	0.000156	0.0569
25	Oil and grease *	1 mg/L	120	153	0.954 mg/L	4.58	1670
4a	Ammonia plus Ammonium	0.25 mg/L	149	154	1.36 mg/L	6.51	2380
	Total Kjeldahl Nitrogen	0.5 mg/L	11	12	2.15 mg/L	9.44	3450
4b	Nitrate+Nitrite	0.25 mg/L	10	12	1.1 mg/L	4.6	1680
5b	TOC, Total Organic Carbon	5 mg/L	4	4	5.82 mg/L	24	8760
98	Ftflow			154	4790 m3/day		
M1	Chlorides	2 mg/L	4	4	28.1 mg/L	117	42600
M3	Dissolved Solids	20 mg/L	12	12	783 mg/L	3520	1290000
M4	Sulphates	5 mg/L	12	12	428 mg/L	1900	693000
M5	Iron	0.02 mg/L	12	12	0.122 mg/L	0.657	240
M6	Thiocyanates, Filtered *	5 mg/L	4	4	10 mg/L	41.4	15100
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

15 – Falconbridge, Strathcona
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	5	11	15.8 mg/L	383	108000
02	Cyanide Total	0.005 mg/L	63	156	0.00576 mg/L	0.181	51.2
03	Hydrogen ion (pH)			156	7.81		
08	Total suspended solids	5 mg/L	32	156	3.82 mg/L	184	52200
09	Aluminum	0.03 mg/L	4	4	0.219 mg/L	4.86	1370
	Copper	0.01 mg/L	95	156	0.0231 mg/L	0.623	176
	Nickel	0.02 mg/L	156	156	0.27 mg/L	8.25	2330
	Zinc	0.01 mg/L	52	156	0.0278 mg/L	1.26	357
14	Phenolics (4AAP)	2 ug/L	9	11	9 ug/L	0.153	43.4
25	Oil and grease	1 mg/L	43	155	1.66 mg/L	58	16400
4a	Ammonia plus Ammonium	0.25 mg/L	156	156	0.967 mg/L	33.6	9520
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	1.3 mg/L	26.1	7390
4b	Nitrate+Nitrite	0.25 mg/L	9	11	0.345 mg/L	7.77	2200
98	Ftflow			118	31400 m3/day		
M1	Chlorides	2 mg/L	4	4	148 mg/L	4200	1190000
M3	Dissolved Solids	20 mg/L	11	11	1180 mg/L	23100	6540000
M4	Sulphates	5 mg/L	11	11	522 mg/L	10200	2880000
M5	Iron	0.02 mg/L	10	11	0.173 mg/L	1.61	457
	Number of Days of Effluent Discharge			283			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

16 – INCO, Whistle Mine
MW 0100 – Minewater Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	5	8	14.1 mg/L	8.28	1770
03	Hydrogen ion (pH)			89	9		
08	Total suspended solids	5 mg/L	56	88	11.2 mg/L	5.89	1260
09	Aluminum	0.03 mg/L	2	2	0.95 mg/L	0.536	115
	Cobalt	0.02 mg/L	7	8	0.151 mg/L	0.0879	18.8
	Copper	0.01 mg/L	81	89	0.0702 mg/L	0.0533	11.4
	Nickel	0.02 mg/L	89	89	2.21 mg/L	1.83	392
	Zinc	0.01 mg/L	73	89	0.074 mg/L	0.0641	13.7
14	Phenolics (4AAP) *	2 ug/L	4	5	3.09 ug/L	0.0024	0.515
16	1,1–Dichloroethane *	0.8 ug/L	2	2	0.9 ug/L	0.000293	0.0627
23	Hexachloroethane *	0.01 ug/L	2	2	0.049 ug/L	0.000012	0.0026
25	Oil and grease *	1 mg/L	64	89	0.904 mg/L	0.476	102
4a	Ammonia plus Ammonium	0.25 mg/L	89	89	3.47 mg/L	1.93	413
	Total Kjeldahl Nitrogen	0.5 mg/L	8	8	4.54 mg/L	3.57	765
4b	Nitrate+Nitrite	0.25 mg/L	8	8	13.2 mg/L	11.5	2460
98	Ftflow			89	527 m3/day		
M1	Chlorides	2 mg/L	2	2	117 mg/L	26.3	5630
M3	Dissolved Solids	20 mg/L	8	8	2030 mg/L	1470	315000
M4	Sulphates	5 mg/L	8	8	995 mg/L	755	162000
M5	Iron	0.02 mg/L	7	8	0.235 mg/L	0.14	29.9
M6	Thiocyanates, Filtered *	5 mg/L	2	2	10 mg/L	3.25	696
	Number of Days of Effluent Discharge			214			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

17 – Minnova, Winston Lake Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	9	22.1 mg/L	31.4	7600
03	Hydrogen ion (pH)			101	7.87		
08	Total suspended solids	5 mg/L	66	100	12 mg/L	21.9	5300
09	Aluminum	0.03 mg/L	4	4	0.07 mg/L	0.129	31.3
	Copper	0.01 mg/L	83	100	0.0229 mg/L	0.0384	9.3
	Nickel	0.02 mg/L	15	100	0.0141 mg/L	0.0248	6
	Zinc	0.01 mg/L	100	100	0.428 mg/L	0.731	177
10	Selenium	0.005 mg/L	4	4	0.0163 mg/L	0.0279	6.75
25	Oil and grease	1 mg/L	47	99	1.38 mg/L	2.45	594
4a	Ammonia plus Ammonium	0.25 mg/L	100	100	2.3 mg/L	3.54	856
	Total Kjeldahl Nitrogen	0.5 mg/L	9	9	2.91 mg/L	4.22	1020
4b	Nitrate+Nitrite	0.25 mg/L	9	9	2.51 mg/L	3.91	945
5b	TOC, Total Organic Carbon	5 mg/L	4	4	6.18 mg/L	9.88	2390
98	Ftflow			99	1670 m3/day		
M1	Chlorides	2 mg/L	4	4	69.3 mg/L	105	25500
M3	Dissolved Solids	20 mg/L	9	9	2030 mg/L	2860	692000
M4	Sulphates	5 mg/L	9	9	1060 mg/L	1520	369000
M5	Iron	0.02 mg/L	9	9	0.162 mg/L	0.205	49.6
	Number of Days of Effluent Discharge			242			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

19 – Dickenson, Arthur W. White Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	11	11	50.4 mg/L	1860	590000
02	Cyanide Total	0.005 mg/L	134	136	0.181 mg/L	5.37	1710
03	Hydrogen ion (pH)			136	7.5		
06	Total phosphorus	0.1 mg/L	4	11	0.153 mg/L	2.36	751
08	Total suspended solids	5 mg/L	93	136	8.21 mg/L	237	75400
09	Aluminum	0.03 mg/L	3	4	0.273 mg/L	4.96	1580
	Cadmium	0.002 mg/L	8	10	0.0083 mg/L	0.313	99.4
	Cobalt	0.02 mg/L	9	10	0.062 mg/L	1.9	603
	Copper	0.01 mg/L	136	136	0.494 mg/L	18	5730
	Lead	0.03 mg/L	36	136	0.0319 mg/L	1.03	327
	Nickel	0.02 mg/L	136	136	0.557 mg/L	18.5	5890
	Zinc	0.01 mg/L	136	136	0.122 mg/L	4.22	1340
10	Arsenic	0.005 mg/L	136	136	1.1 mg/L	35.7	11400
14	Phenolics (4AAP)	2 ug/L	7	11	79.4 ug/L	4.84	1540
25	Oil and grease	1 mg/L	91	136	2.22 mg/L	69.6	22100
4a	Ammonia plus Ammonium	0.25 mg/L	131	136	2.85 mg/L	99.2	31600
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	4.42 mg/L	146	46400
4b	Nitrate+Nitrite	0.25 mg/L	10	11	4.52 mg/L	125	39600
5b	TOC, Total Organic Carbon	5 mg/L	4	4	19.3 mg/L	718	228000
98	Ftflow			136	36200 m3/day		
M1	Chlorides	2 mg/L	4	4	48.4 mg/L	1400	444000
M3	Dissolved Solids	20 mg/L	11	11	463 mg/L	14900	4730000
M4	Sulphates	5 mg/L	4	4	152 mg/L	4760	1520000
M5	Iron	0.02 mg/L	11	11	0.645 mg/L	17.2	5470
M8	Cyanide (WAD)	0.005 mg/L	131	136	0.0864 mg/L	2.2	700
	Number of Days of Effluent Discharge			318			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

21 – Canamax, Bell Creek Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	3	3	46 mg/L	23.6	2270
02	Cyanide Total	0.005 mg/L	41	41	0.291 mg/L	0.495	47.5
03	Hydrogen ion (pH)			42	7.48		
06	Total phosphorus	0.1 mg/L	3	3	0.121 mg/L	0.0656	6.4
08	Total suspended solids	5 mg/L	25	42	7.17 mg/L	12.2	1170
09	Cobalt	0.02 mg/L	3	3	0.0777 mg/L	0.0426	4.09
	Copper	0.01 mg/L	3	3	0.267 mg/L	0.161	15.5
	Nickel	0.02 mg/L	3	3	0.277 mg/L	0.167	16
	Zinc	0.01 mg/L	3	3	0.467 mg/L	0.347	33.3
10	Arsenic	0.005 mg/L	3	3	0.41 mg/L	0.206	19.8
25	Oil and grease	1 mg/L	21	42	1.4 mg/L	1.87	180
4a	Ammonia plus Ammonium	0.25 mg/L	41	42	1.16 mg/L	2	192
	Total Kjeldahl Nitrogen	0.5 mg/L	3	3	2.6 mg/L	1.28	123
4b	Nitrate+Nitrite	0.25 mg/L	3	3	3.33 mg/L	2.2	212
98	Ftflow			42	1330 m3/day		
M3	Dissolved Solids	20 mg/L	3	3	483 mg/L	269	25800
M5	Iron	0.02 mg/L	3	3	0.307 mg/L	0.181	17.4
M8	Cyanide (WAD)	0.005 mg/L	25	41	0.132 mg/L	0.249	23.9
	Number of Days of Effluent Discharge			96			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

24 – Teck – Corona, David Bell Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	6	9	16 mg/L	41	10800
02	Cyanide Total	0.005 mg/L	110	110	0.117 mg/L	0.294	77.6
03	Hydrogen ion (pH)			110	7.44		
09	Aluminum	0.03 mg/L	4	4	0.065 mg/L	0.182	48
	Cadmium	0.002 mg/L	4	9	0.00267 mg/L	0.00699	1.84
	Copper	0.01 mg/L	26	110	0.0144 mg/L	0.0363	9.58
	Lead	0.03 mg/L	92	110	0.0433 mg/L	0.11	29.1
	Molybdenum	0.02 mg/L	4	4	0.155 mg/L	0.447	118
	Nickel *	0.02 mg/L	101	110	0.0394 mg/L	0.1	26.5
	Zinc	0.01 mg/L	21	110	0.00812 mg/L	0.0201	5.3
10	Antimony	0.005 mg/L	4	4	0.349 mg/L	0.969	256
25	Oil and grease	1 mg/L	23	109	1.07 mg/L	2.7	712
4a	Ammonia plus Ammonium	0.25 mg/L	109	110	15.1 mg/L	38.7	10200
	Total Kjeldahl Nitrogen	0.5 mg/L	8	9	18.6 mg/L	43	11400
4b	Nitrate+Nitrite	0.25 mg/L	9	9	10.4 mg/L	25.7	6790
98	Ftflow			110	2540 m3/day		
M1	Chlorides	2 mg/L	4	4	62 mg/L	173	45700
M3	Dissolved Solids	20 mg/L	9	9	2850 mg/L	5550	1470000
M4	Sulphates	5 mg/L	4	4	1180 mg/L	3290	870000
M5	Iron	0.02 mg/L	8	9	0.0948 mg/L	0.234	61.8
M8	Cyanide (WAD)	0.005 mg/L	106	110	0.0724 mg/L	0.181	47.7
	Number of Days of Effluent Discharge			264			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

25 – Placer Dome, Detour Lake Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	12	12	105 mg/L	4880	1770000
02	Cyanide Total	0.005 mg/L	154	157	0.033 mg/L	0.969	354
03	Hydrogen ion (pH)			157	7.43		
08	Total suspended solids	5 mg/L	54	157	6.44 mg/L	194	70600
09	Aluminum	0.03 mg/L	4	4	0.105 mg/L	6.35	2320
	Cobalt	0.02 mg/L	7	12	0.0233 mg/L	0.991	362
	Copper	0.01 mg/L	157	157	0.313 mg/L	10.7	3920
	Nickel	0.02 mg/L	138	157	0.0243 mg/L	0.737	269
	Zinc	0.01 mg/L	36	157	0.0118 mg/L	0.319	117
12	Mercury	0.0001 mg/L	5	12	0.000121 mg/L	0.00516	1.88
25	Oil and grease	1 mg/L	106	156	2.27 mg/L	110	40000
4a	Ammonia plus Ammonium	0.25 mg/L	157	157	9.72 mg/L	281	103000
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	16 mg/L	811	296000
4b	Nitrate+Nitrite	0.25 mg/L	12	12	0.888 mg/L	43.6	15900
5b	TOC, Total Organic Carbon	5 mg/L	4	4	14.1 mg/L	699	255000
98	Ftflow			157	30300 m3/day		
M3	Dissolved Solids	20 mg/L	19	19	480 mg/L	10000	3660000
M4	Sulphates	5 mg/L	4	4	120 mg/L	6960	2540000
M5	Iron	0.02 mg/L	19	19	0.195 mg/L	3.76	1370
M6	Thiocyanates, Filtered	5 mg/L	9	12	13.6 mg/L	852	311000
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

26 – Placer Dome, Dome Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	11	11	28.1 mg/L	499	185000
02	Cyanide Total	0.005 mg/L	78	78	0.0914 mg/L	3.11	1030
03	Hydrogen ion (pH)			78	7.48		
08	Total suspended solids	5 mg/L	26	78	6.21 mg/L	122	40400
09	Aluminum	0.03 mg/L	2	3	0.0467 mg/L	0.663	220
	Cobalt	0.02 mg/L	7	11	0.0305 mg/L	0.509	169
	Copper	0.01 mg/L	78	78	0.262 mg/L	5.95	1970
	Nickel	0.02 mg/L	78	78	0.276 mg/L	5.53	1830
	Zinc	0.01 mg/L	23	78	0.0194 mg/L	0.315	104
10	Arsenic	0.005 mg/L	38	78	0.00587 mg/L	0.116	38.5
12	Mercury	0.0001 mg/L	6	11	0.000196 mg/L	0.00337	1.12
25	Oil and grease	1 mg/L	33	78	1.55 mg/L	30.5	10100
4a	Ammonia plus Ammonium	0.25 mg/L	56	78	0.807 mg/L	19.2	6360
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	2.11 mg/L	45.8	15200
4b	Nitrate+Nitrite	0.25 mg/L	9	11	1.1 mg/L	21.1	6970
5b	TOC, Total Organic Carbon	5 mg/L	3	3	7.23 mg/L	106	35100
98	Ftflow			78	19600 m3/day		
M1	Chlorides	2 mg/L	3	3	21.5 mg/L	317	105000
M3	Dissolved Solids	20 mg/L	11	11	380 mg/L	6710	2220000
M4	Sulphates	5 mg/L	3	3	166 mg/L	2450	810000
M5	Iron	0.02 mg/L	11	11	0.228 mg/L	4.34	1440
M8	Cyanide (WAD)	0.005 mg/L	78	78	0.0639 mg/L	2.08	689
	Number of Days of Effluent Discharge			331			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

27 – Placer Dome, Dona Lake Mine
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	5	5	49.2 mg/L	1000	143000
02	Cyanide Total	0.005 mg/L	14	60	0.00625 mg/L	0.153	21.8
03	Hydrogen ion (pH)			60	7.44		
09	Thallium *	0.03 mg/L	2	2	0.033 mg/L	0.88	126
10	Antimony *	0.005 mg/L	2	2	0.009 mg/L	0.24	34.3
12	Mercury	0.0001 mg/L	5	5	0.00278 mg/L	0.0562	8.03
25	Oil and grease	1 mg/L	47	60	2.63 mg/L	63.2	9040
4a	Ammonia plus Ammonium	0.25 mg/L	58	60	1.2 mg/L	30.4	4350
	Total Kjeldahl Nitrogen	0.5 mg/L	5	5	1.82 mg/L	32.5	4650
98	Ftflow			60	25600 m3/day		
M1	Chlorides	2 mg/L	2	2	4.5 mg/L	107	15300
M3	Dissolved Solids	20 mg/L	5	5	146 mg/L	2700	385000
M4	Sulphates	5 mg/L	2	2	29.3 mg/L	663	94900
M5	Iron	0.02 mg/L	4	5	0.139 mg/L	2.3	329
	Number of Days of Effluent Discharge			143			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

28 – Eastmaque Gold Mines
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	13	13	15.3 mg/L	204	74600
02	Cyanide Total	0.005 mg/L	139	156	0.147 mg/L	1.48	542
03	Hydrogen ion (pH)			156	7.02		
08	Total suspended solids	5 mg/L	78	156	12 mg/L	174	63300
09	Aluminum	0.03 mg/L	4	4	0.145 mg/L	1.96	715
	Copper	0.01 mg/L	46	156	0.0149 mg/L	0.22	80.3
	Molybdenum	0.02 mg/L	4	4	0.535 mg/L	7.4	2700
14	Phenolics (4AAP)	2 ug/L	10	13	39.9 ug/L	0.12	43.7
25	Oil and grease	1 mg/L	91	156	1.59 mg/L	17.5	6400
4a	Ammonia plus Ammonium	0.25 mg/L	100	156	0.691 mg/L	5.68	2070
	Total Kjeldahl Nitrogen	0.5 mg/L	11	13	1.02 mg/L	13.7	4990
5b	TOC, Total Organic Carbon	5 mg/L	4	4	7.9 mg/L	112	41000
98	Ftflow			156	9330 m3/day		
M1	Chlorides	2 mg/L	4	4	33.8 mg/L	555	203000
M3	Dissolved Solids	20 mg/L	13	13	421 mg/L	5420	1980000
M4	Sulphates	5 mg/L	4	4	160 mg/L	2480	906000
M5	Iron	0.02 mg/L	13	13	0.432 mg/L	5.96	2540
M8	Cyanide (WAD)	0.005 mg/L	88	156	0.0264 mg/L	0.37	135
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

29 – Giant Yellowknife, ERG Res.
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	2	2	78.5 mg/L	4000	176000
02	Cyanide Total	0.005 mg/L	18	18	0.22 mg/L	7.02	309
03	Hydrogen ion (pH)			18	7.33		
08	Total suspended solids	5 mg/L	13	18	9.17 mg/L	479	21100
09	Copper	0.01 mg/L	2	2	0.2 mg/L	7.93	349
	Nickel	0.02 mg/L	2	2	0.093 mg/L	4.68	206
	Zinc	0.01 mg/L	2	2	0.054 mg/L	2.77	122
25	Oil and grease	1 mg/L	11	18	1.72 mg/L	99.7	4390
4a	Ammonia plus Ammonium	0.25 mg/L	18	18	14.8 mg/L	1080	47400
	Total Kjeldahl Nitrogen	0.5 mg/L	2	2	* 22 mg/L	1500	66100
98	Ftflow			18	64000 m3/day		
M3	Dissolved Solids	20 mg/L	2	2	1280 mg/L	90000	3960000
M5	Iron	0.02 mg/L	2	2	1.12 mg/L	54.8	2410
M8	Cyanide (WAD)	0.005 mg/L	7	18	0.0963 mg/L	2.95	130
	Number of Days of Effluent Discharge			44			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

30 – Hemlo Gold Mines, Golden Giant
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	5	5	17.6 mg/L	99.2	18600
02	Cyanide Total *	0.005 mg/L	20	20	0.126 mg/L	0.596	112
03	Hydrogen ion (pH)		69	69	7.63		
08	Total suspended solids	5 mg/L	43	70	11.9 mg/L	60.2	11300
09	Aluminum	0.03 mg/L	2	2	0.035 mg/L	0.208	39.2
	Copper	0.01 mg/L	56	70	0.0299 mg/L	0.147	27.7
	Lead	0.03 mg/L	19	63	0.0216 mg/L	0.115	21.7
	Molybdenum	0.02 mg/L	2	2	0.405 mg/L	2.4	452
	Nickel	0.02 mg/L	57	70	0.0683 mg/L	0.369	69.4
	Zinc	0.01 mg/L	43	61	0.0209 mg/L	0.108	20.3
10	Antimony	0.005 mg/L	2	2	0.251 mg/L	1.49	279
16	Trichlorofluoromethane *	1 ug/L	2	2	1.4 ug/L	0.00834	1.57
25	Oil and grease	1 mg/L	25	70	1.16 mg/L	6.13	1150
4a	Ammonia plus Ammonium	0.25 mg/L	70	70	16.5 mg/L	87.9	16500
	Total Kjeldahl Nitrogen	0.5 mg/L	5	5	17 mg/L	95.6	18000
4b	Nitrate+Nitrite	0.25 mg/L	5	5	20.3 mg/L	120	22500
98	Ftflow		69	69	5290 m3/day		
M1	Chlorides	2 mg/L	2	2	59 mg/L	353	66400
M3	Dissolved Solids	20 mg/L	5	5	2790 mg/L	15500	2920000
M4	Sulphates	5 mg/L	2	2	1570 mg/L	9370	1760000
M5	Iron	0.02 mg/L	6	6	0.513 mg/L	2.87	539
	Number of Days of Effluent Discharge			188			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

31 – Canamax, Kremzar Mine
PR 0100 – Effluent from SE Clearwater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	4	5	13.2 mg/L	131	7730
02	Cyanide Total	0.005 mg/L	47	47	0.0345 mg/L	0.338	20
03	Hydrogen ion (pH)			46	7.37		
25	Oil and grease	1 mg/L	11	45	1.38 mg/L	17.3	1020
4a	Ammonia plus Ammonium	0.25 mg/L	47	47	8.16 mg/L	83.7	4940
	Total Kjeldahl Nitrogen	0.5 mg/L	5	5	7.54 mg/L	58.5	3450
4b	Nitrate+Nitrite	0.25 mg/L	4	5	3.33 mg/L	39	2300
98	Ftflow			47	11400 m3/day		
M3	Dissolved Solids	20 mg/L	5	5	264 mg/L	2760	163000
M5	Iron	0.02 mg/L	5	5	0.29 mg/L	2.15	127
M8	Cyanide (WAD)	0.005 mg/L	32	47	0.00887 mg/L	0.0823	4.85
	Number of Days of Effluent Discharge			59			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

32 – LAC Minerals, Macassa Division
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	10	12	32.8 mg/L	294	107000
02	Cyanide Total	0.005 mg/L	147	158	0.942 mg/L	23.3	8490
03	Hydrogen ion (pH)			158	7.73		
08	Total suspended solids	5 mg/L	108	158	9.69 mg/L	249	90700
09	Aluminum	0.03 mg/L	3	3	0.577 mg/L	5.55	2020
	Cadmium	0.002 mg/L	4	12	0.00298 mg/L	0.0329	12
	Cobalt	0.02 mg/L	7	12	0.029 mg/L	0.38	139
	Copper	0.01 mg/L	156	158	0.264 mg/L	12.6	4600
	Molybdenum	0.02 mg/L	3	3	0.57 mg/L	5.43	1980
	Nickel	0.02 mg/L	106	158	0.059 mg/L	2.27	827
	Zinc	0.01 mg/L	66	158	0.0151 mg/L	0.283	103
12	Mercury	0.0001 mg/L	6	12	0.000167 mg/L	0.00207	0.755
14	Phenolics (4AAP)	2 ug/L	9	12	8.9 ug/L	0.115	41.9
25	Oil and grease	1 mg/L	92	158	1.66 mg/L	39.3	14300
4a	Ammonia plus Ammonium	0.25 mg/L	148	158	5.32 mg/L	171	62400
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	7.3 mg/L	80.6	29400
4b	Nitrate+Nitrite	0.25 mg/L	12	12	7.52 mg/L	129	47200
5b	TOC, Total Organic Carbon	5 mg/L	3	3	10.5 mg/L	89.5	32700
98	Ftflow			156	22200 m3/day		
M1	Chlorides	2 mg/L	3	3	154 mg/L	914	334000
M2	Cyanates, Filtered	5 mg/L	5	12	5.17 mg/L	62.4	22800
M3	Dissolved Solids	20 mg/L	12	12	940 mg/L	15100	5530000
M4	Sulphates	5 mg/L	3	3	236 mg/L	1470	538000
M5	Iron	0.02 mg/L	11	12	0.418 mg/L	5.94	2170
M6	Thiocyanates, Filtered	5 mg/L	4	12	4.35 mg/L	42.6	15500
M8	Cyanide (WAD)	0.005 mg/L	97	157	0.35 mg/L	6.79	2480
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

35 – Canamax, Marhill Mine
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	12	11.3 mg/L	15.3	5580
03	Hydrogen ion (pH)			156	8.12		
08	Total suspended solids	5 mg/L	156	156	153 mg/L	195	71300
09	Aluminum	0.03 mg/L	4	4	3.46 mg/L	4.17	1520
	Copper	0.01 mg/L	7	12	0.0138 mg/L	0.0173	6.31
	Lead	0.03 mg/L	6	12	0.0278 mg/L	0.0361	13.2
	Nickel	0.02 mg/L	12	12	0.0487 mg/L	0.0642	23.4
	Zinc	0.01 mg/L	11	12	0.0265 mg/L	0.0351	12.8
10	Arsenic	0.005 mg/L	7	8	0.118 mg/L	0.163	59.5
16	Methylene chloride	1.3 ug/L	3	4	17.8 ug/L	0.0295	10.8
17	Benzene	0.5 ug/L	3	4	2.52 ug/L	0.00349	1.27
25	Oil and grease	1 mg/L	116	155	4.72 mg/L	5.74	2100
4a	Ammonia plus Ammonium	0.25 mg/L	153	153	8.24 mg/L	10.2	3730
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	7.82 mg/L	10.5	3840
4b	Nitrate+Nitrite	0.25 mg/L	11	11	11.5 mg/L	15.6	5700
98	Ftflow			156	1250 m3/day		
M1	Chlorides	2 mg/L	4	4	46.5 mg/L	61.1	22300
M3	Dissolved Solids	20 mg/L	11	11	391 mg/L	528	193000
M4	Sulphates	5 mg/L	4	4	17.2 mg/L	22.4	8160
M5	Iron	0.02 mg/L	11	11	4.52 mg/L	6.2	2260
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

36 – American Barrick, McDermott
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	3	3	64.3 mg/L	1560	84000
02	Cyanide Total	0.005 mg/L	22	22	0.00982 mg/L	0.291	15.7
03	Hydrogen ion (pH)			22	7.12		
06	Total phosphorus	0.1 mg/L	3	3	0.193 mg/L	4.64	251
09	Copper	0.01 mg/L	22	22	0.1 mg/L	2.85	154
	Zinc	0.01 mg/L	19	22	0.0183 mg/L	0.525	28.4
14	Phenolics (4AAP)	2 ug/L	3	3	17 ug/L	0.429	23.2
25	Oil and grease	1 mg/L	14	22	1.45 mg/L	42.4	2290
4a	Ammonia plus Ammonium	0.25 mg/L	22	22	2.89 mg/L	83.9	4530
	Total Kjeldahl Nitrogen	0.5 mg/L	3	3	3.77 mg/L	90.3	4880
4b	Nitrate+Nitrite	0.25 mg/L	3	3	1.15 mg/L	27	1460
98	Ftflow			22	29500 m3/day		
M3	Dissolved Solids	20 mg/L	3	3	293 mg/L	7250	391000
M5	Iron	0.02 mg/L	3	3	1.29 mg/L	32.2	1740
M8	Cyanide (WAD)	0.005 mg/L	6	22	0.00364 mg/L	0.105	5.64
	Number of Days of Effluent Discharge			54			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

37 – Bond Gold, Muskegsagagen Lake
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	10	10	64.5 mg/L	87.3	27700
02	Cyanide Total	0.005 mg/L	134	134	0.0415 mg/L	0.0777	24.6
03	Hydrogen ion (pH)			135	7.04		
06	Total phosphorus	0.1 mg/L	4	10	0.0799 mg/L	0.0677	21.5
08	Total suspended solids	5 mg/L	36	135	4.23 mg/L	9.51	3010
09	Vanadium *	0.03 mg/L	4	4	0.05 mg/L	0.0876	27.8
14	Phenolics (4AAP)	2 ug/L	7	10	3.1 ug/L	0.00509	1.61
25	Oil and grease	1 mg/L	60	130	1.35 mg/L	2.81	892
4a	Ammonia plus Ammonium	0.25 mg/L	135	135	3.76 mg/L	5.93	1880
	Total Kjeldahl Nitrogen	0.5 mg/L	10	10	4.72 mg/L	4.47	1420
4b	Nitrate+Nitrite	0.25 mg/L	8	10	1.67 mg/L	1.36	432
5b	TOC, Total Organic Carbon	5 mg/L	4	4	26 mg/L	55.6	17600
98	Ftflow			136	2080 m3/day		
M1	Chlorides	2 mg/L	3	4	5.32 mg/L	5.61	1780
M3	Dissolved Solids	20 mg/L	9	9	265 mg/L	230	72900
M4	Sulphates	5 mg/L	4	4	49.2 mg/L	51	16200
M5	Iron	0.02 mg/L	10	10	1.74 mg/L	1.1	348
M8	Cyanide (WAD)	0.005 mg/L	128	134	0.00963 mg/L	0.0182	5.78
	Number of Days of Effluent Discharge			317			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

38 – LAC Minerals, Williams Mine
MW 0100 – Minewater
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	2	2	20 mg/L	46.5	2610
03	Hydrogen ion (pH)			24	9.56		
06	Total phosphorus	0.1 mg/L	2	2	0.315 mg/L	0.751	42.1
08	Total suspended solids	5 mg/L	24	24	16.6 mg/L	29.5	1650
09	Copper	0.01 mg/L	11	24	0.0105 mg/L	0.0165	0.923
	Zinc	0.01 mg/L	10	24	0.0112 mg/L	0.0164	0.92
10	Arsenic	0.005 mg/L	24	24	0.0467 mg/L	0.075	4.2
12	Mercury	0.0001 mg/L	2	2	0.00095 mg/L	0.00219	0.123
25	Oil and grease	1 mg/L	20	24	2.15 mg/L	3.44	193
4a	Ammonia plus Ammonium	0.25 mg/L	24	24	13.9 mg/L	22	1230
	Total Kjeldahl Nitrogen	0.5 mg/L	2	2	15.2 mg/L	35.4	1980
4b	Nitrate+Nitrite	0.25 mg/L	2	2	28.2 mg/L	64.7	3620
98	Ftflow			24	1580 m3/day		
M3	Dissolved Solids	20 mg/L	2	2	790 mg/L	1820	102000
M5	Iron	0.02 mg/L	2	2	0.468 mg/L	1.14	64
	Number of Days of Effluent Discharge			56			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

38 – LAC Minerals, Williams Mine
PR 0200 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	5	6	13.8 mg/L	158	23400
02	Cyanide Total	0.005 mg/L	47	47	0.117 mg/L	1.47	217
03	Hydrogen ion (pH)			65	7.71		
09	Aluminum	0.03 mg/L	2	2	0.05 mg/L	0.684	101
	Cobalt	0.02 mg/L	3	6	0.02 mg/L	0.236	34.9
	Copper	0.01 mg/L	52	65	0.0429 mg/L	0.544	80.5
	Lead	0.03 mg/L	36	65	0.0293 mg/L	0.382	56.6
	Nickel	0.02 mg/L	53	65	0.0399 mg/L	0.506	74.8
	Zinc	0.01 mg/L	24	65	0.00936 mg/L	0.124	18.4
10	Antimony	0.005 mg/L	2	2	0.577 mg/L	7.9	1170
25	Oil and grease	1 mg/L	18	65	1.19 mg/L	16	2370
4a	Ammonia plus Ammonium	0.25 mg/L	65	65	15.4 mg/L	204	30200
	Total Kjeldahl Nitrogen	0.5 mg/L	6	6	20.6 mg/L	236	35000
4b	Nitrate + Nitrite	0.25 mg/L	6	6	11.4 mg/L	140	20800
5b	TOC, Total Organic Carbon	5 mg/L	2	2	5 mg/L	68.4	10100
98	Ftflow			64	13300 m3/day		
M1	Chlorides	2 mg/L	2	2	173 mg/L	2400	354000
M2	Cyanates, Filtered	5 mg/L	5	6	7.67 mg/L	81.1	12000
M3	Dissolved Solids	20 mg/L	6	6	2050 mg/L	24100	3570000
M4	Sulphates	5 mg/L	2	2	948 mg/L	12900	1910000
M5	Iron	0.02 mg/L	6	6	0.338 mg/L	3.25	481
M8	Cyanide (WAD)	0.005 mg/L	65	65	0.0714 mg/L	0.852	126
	Number of Days of Effluent Discharge			148			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

39 – Giant Yellowknife, Pamour #1
PR 0100 – Decant Weir #2
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	10	10	23 mg/L	69.5	21500
02	Cyanide Total	0.005 mg/L	94	116	0.663 mg/L	2.47	764
03	Hydrogen ion (pH)			116	7.72		
06	Total phosphorus	0.1 mg/L	10	10	0.435 mg/L	1.29	397
08	Total suspended solids	5 mg/L	78	116	16.3 mg/L	71.1	22000
09	Aluminum	0.03 mg/L	4	4	0.158 mg/L	0.469	145
	Cobalt	0.02 mg/L	5	10	0.0288 mg/L	0.0961	29.7
	Copper	0.01 mg/L	74	116	0.0906 mg/L	0.36	111
	Nickel	0.02 mg/L	92	116	0.12 mg/L	0.527	163
	Zinc	0.01 mg/L	47	116	0.0708 mg/L	0.421	130
10	Arsenic	0.005 mg/L	94	116	0.019 mg/L	0.0646	20
14	Phenolics (4AAP)	2 ug/L	10	10	124 ug/L	0.411	127
20	m–Cresol	3.4 ug/L	3	4	10.2 ug/L	0.0403	12.5
	p–Cresol	3.5 ug/L	3	4	10.2 ug/L	0.0403	12.5
25	Oil and grease	1 mg/L	82	114	2.51 mg/L	9.43	2910
4a	Ammonia plus Ammonium	0.25 mg/L	94	116	1.69 mg/L	7.13	2200
	Total Kjeldahl Nitrogen	0.5 mg/L	8	8	3.85 mg/L	12.1	3740
4b	Nitrate+Nitrite	0.25 mg/L	9	10	4.29 mg/L	13.1	4040
5b	TOC, Total Organic Carbon	5 mg/L	4	4	18.8 mg/L	77.2	23800
98	Ftflow			117	4010 m3/day		
M1	Chlorides	2 mg/L	4	4	25.9 mg/L	84	26000
M3	Dissolved Solids	20 mg/L	10	10	624 mg/L	1650	511000
M4	Sulphates	5 mg/L	4	4	269 mg/L	851	263000
M5	Iron	0.02 mg/L	10	10	0.272 mg/L	0.737	228
M8	Cyanide (WAD)	0.005 mg/L	59	116	0.576 mg/L	2.22	687
	Number of Days of Effluent Discharge			309			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

39 – Giant Yellowknife, Pamour #1
PR 0200 – Decant Weir #1A
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	2	2	24 mg/L	54.2	3310
02	Cyanide Total	0.005 mg/L	21	22	0.229 mg/L	0.25	15.3
03	Hydrogen ion (pH)			22	7.33		
06	Total phosphorus	0.1 mg/L	2	2	0.72 mg/L	1.63	99.3
08	Total suspended solids	5 mg/L	22	22	27.3 mg/L	41.2	2510
09	Copper	0.01 mg/L	5	22	0.0189 mg/L	0.0356	2.17
	Nickel	0.02 mg/L	14	22	0.0322 mg/L	0.0535	3.26
10	Arsenic	0.005 mg/L	22	22	0.00905 mg/L	0.0122	0.746
14	Phenolics (4AAP)	2 ug/L	2	2	118 ug/L	0.266	16.2
25	Oil and grease	1 mg/L	17	22	2.39 mg/L	2.23	136
4a	Ammonia plus Ammonium	0.25 mg/L	22	22	3.71 mg/L	4.44	271
	Total Kjeldahl Nitrogen	0.5 mg/L	2	2	5.2 mg/L	11.8	717
4b	Nitrate+Nitrite	0.25 mg/L	2	2	11.6 mg/L	26.3	1600
98	Ftflow			22	1180 m3/day		
M3	Dissolved Solids	20 mg/L	2	2	959 mg/L	2170	132000
M5	Iron	0.02 mg/L	2	2	0.784 mg/L	1.77	108
M8	Cyanide (WAD)	0.005 mg/L	13	22	0.0584 mg/L	0.118	7.18
	Number of Days of Effluent Discharge			61			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

40 – Giant Yellowknife, P–S
MW 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			16	7.79		
09	Copper	0.01 mg/L	15	16	0.215 mg/L		
	Nickel	0.02 mg/L	16	16	0.0539 mg/L		
	Zinc	0.01 mg/L	16	16	0.0915 mg/L		
25	Oil and grease	1 mg/L	9	16	1.22 mg/L		
4a	Ammonia plus Ammonium	0.25 mg/L	10	16	0.794 mg/L		
98	Ftflow			0			
	Number of Days of Effluent Discharge						

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

42 – Renabie Gold Mines
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	8	35.8 mg/L	376	80600
02	Cyanide Total	0.005 mg/L	84	84	2.87 mg/L	45.4	9710
03	Hydrogen ion (pH)			85	8.14		
06	Total phosphorus	0.1 mg/L	3	8	0.143 mg/L	2.38	510
08	Total suspended solids	5 mg/L	33	85	4.5 mg/L	39.8	8510
09	Aluminum	0.03 mg/L	2	3	0.114 mg/L	0.556	119
	Copper	0.01 mg/L	8	8	0.32 mg/L	6.07	1300
	Molybdenum	0.02 mg/L	2	3	0.03 mg/L	0.118	25.2
	Nickel	0.02 mg/L	5	8	0.0209 mg/L	0.393	84.1
	Zinc	0.01 mg/L	8	8	1.67 mg/L	42.7	9140
12	Mercury	0.0001 mg/L	8	8	0.000441 mg/L	0.00384	0.821
25	Oil and grease	1 mg/L	55	85	2.06 mg/L	18.8	4020
4a	Ammonia plus Ammonium	0.25 mg/L	85	85	6.1 mg/L	60.6	13000
	Total Kjeldahl Nitrogen	0.5 mg/L	8	8	10.7 mg/L	201	43100
4b	Nitrate+Nitrite	0.25 mg/L	8	8	5.24 mg/L	65.8	14100
5b	TOC, Total Organic Carbon	5 mg/L	3	3	17 mg/L	78.9	16900
98	Ftflow			83	9360 m3/day		
M1	Chlorides	2 mg/L	3	3	56.6 mg/L	204	43600
M3	Dissolved Solids	20 mg/L	8	8	447 mg/L	6530	1400000
M4	Sulphates	5 mg/L	3	3	164 mg/L	561	120000
M5	Iron	0.02 mg/L	8	8	0.463 mg/L	5.64	1210
M8	Cyanide (WAD)	0.005 mg/L	76	84	2.16 mg/L	35.9	7890
	Number of Days of Effluent Discharge			214			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

45 – St. Andrews Gold Fields
PR 0100 – Process Effluent
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	5	5	81.4 mg/L	94.3	13900
02	Cyanide Total	0.005 mg/L	61	61	0.113 mg/L	0.174	25.6
03	Hydrogen ion (pH)			61	7.84		
06	Total phosphorus	0.1 mg/L	3	5	0.124 mg/L	0.123	18.1
08	Total suspended solids	5 mg/L	55	61	22.7 mg/L	31.4	4620
09	Copper	0.01 mg/L	5	5	0.144 mg/L	0.149	21.9
	Nickel	0.02 mg/L	3	5	0.0232 mg/L	0.0276	4.06
10	Arsenic	0.005 mg/L	4	5	0.0092 mg/L	0.00973	1.43
25	Oil and grease	1 mg/L	40	60	4.44 mg/L	5.48	806
4a	Ammonia plus Ammonium	0.25 mg/L	61	61	2.19 mg/L	3.18	467
	Total Kjeldahl Nitrogen	0.5 mg/L	5	5	5.14 mg/L	5.42	796
98	Ftflow			61	1340 m3/day		
M3	Dissolved Solids	20 mg/L	5	5	357 mg/L	360	52900
M5	Iron	0.02 mg/L	5	5	1.11 mg/L	1.03	152
M8	Cyanide (WAD)	0.005 mg/L	58	61	0.0375 mg/L	0.0584	8.58
	Number of Days of Effluent Discharge			147			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

46 – Algoma Steel, Ore Division
PR 0100 – Final Decant
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			76	8.72		
08	Total suspended solids	5 mg/L	41	78	8.27 mg/L	82.5	14900
09	Aluminum	0.03 mg/L	2	2	0.328 mg/L	3.35	603
25	Oil and grease	1 mg/L	22	73	1.37 mg/L	13.1	2360
4a	Ammonia plus Ammonium	0.25 mg/L	43	78	0.289 mg/L	2.8	503
4b	Nitrate+Nitrite	0.25 mg/L	6	6	0.665 mg/L	6.12	1100
98	Ftflow			78	9620 m3/day		
M3	Dissolved Solids	20 mg/L	6	6	795 mg/L	7330	1320000
M4	Sulphates	5 mg/L	6	6	350 mg/L	3500	629000
M5	Iron	0.02 mg/L	76	77	0.701 mg/L	7.08	1270
	Number of Days of Effluent Discharge			180			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

51 – Denison Mines, Denison Property
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	12	14 mg/L	386	142000
03	Hydrogen ion (pH)			158	7.52		
06	Total phosphorus	0.1 mg/L	6	12	0.1 mg/L	2.86	1050
08	Total suspended solids	5 mg/L	127	158	7.78 mg/L	233	85200
09	Aluminum	0.03 mg/L	4	4	0.253 mg/L	5.76	2100
	Cobalt	0.02 mg/L	7	12	0.0265 mg/L	0.755	276
	Molybdenum	0.02 mg/L	3	4	0.037 mg/L	0.992	362
	Nickel	0.02 mg/L	10	12	0.0408 mg/L	1.18	430
	Zinc	0.01 mg/L	10	12	0.0387 mg/L	1.11	407
10	Arsenic	0.005 mg/L	10	12	0.0263 mg/L	0.716	261
14	Phenolics (4AAP)	2 ug/L	8	12	3 ug/L	0.0815	29.7
25	Oil and grease	1 mg/L	43	157	1.2 mg/L	35.2	12900
4a	Ammonia plus Ammonium	0.25 mg/L	157	157	40.9 mg/L	1200	438000
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	45 mg/L	1220	444000
4b	Nitrate + Nitrite	0.25 mg/L	12	12	72.4 mg/L	2010	735000
98	Ftflow			158	29300 m3/day		
M1	Chlorides	2 mg/L	4	4	105 mg/L	2580	940000
M3	Dissolved Solids	20 mg/L	12	12	2880 mg/L	77900	3E+07
M4	Sulphates	5 mg/L	12	12	1500 mg/L	40700	1E+07
M5	Iron	0.02 mg/L	12	12	0.657 mg/L	19	6940
M7	Uranium	0.02 mg/L	12	12	0.13 mg/L	3.62	1320
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

51 – Denison Mines, Denison Property
SW 0200 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	7	12	19.4 mg/L	6.07	2070
03	Hydrogen ion (pH)			12	7.21		
09	Aluminum	0.03 mg/L	3	4	0.0425 mg/L	0.0204	6.96
14	Phenolics (4AAP)	2 ug/L	6	12	2.03 ug/L	0.000822	0.28
4a	Ammonia plus Ammonium	0.25 mg/L	7	12	6.86 mg/L	2.03	692
	Total Kjeldahl Nitrogen	0.5 mg/L	8	11	9.09 mg/L	2.64	901
4b	Nitrate+Nitrite	0.25 mg/L	12	12	6.31 mg/L	2.14	729
98	Ftflow			12	355 m3/day		
M1	Chlorides	2 mg/L	4	4	208 mg/L	82.4	28100
M3	Dissolved Solids	20 mg/L	12	12	1190 mg/L	367	125000
M4	Sulphates	5 mg/L	12	12	445 mg/L	139	47300
M5	Iron	0.02 mg/L	11	12	0.138 mg/L	0.0826	28.2
	Number of Days of Effluent Discharge			341			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

52 – Rio Algom, Lacnor/Nordic
SW 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	4	12	14.3 mg/L	147	53700
03	Hydrogen ion (pH)			12	8.4		
09	Aluminum	0.03 mg/L	4	4	0.13 mg/L	0.667	243
	Cobalt	0.02 mg/L	6	12	0.0256 mg/L	0.152	55.5
	Copper	0.01 mg/L	7	12	0.0116 mg/L	0.0803	29.3
	Lead	0.03 mg/L	10	12	0.0384 mg/L	0.304	111
	Nickel	0.02 mg/L	8	12	0.0228 mg/L	0.155	56.6
	Zinc	0.01 mg/L	7	12	0.0144 mg/L	0.0636	23.2
4a	Ammonia plus Ammonium	0.25 mg/L	12	12	5.03 mg/L	34.6	12600
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	6.63 mg/L	44.8	16400
4b	Nitrate+Nitrite	0.25 mg/L	12	12	4.78 mg/L	30.3	11000
98	Ftflow			12	6720 m3/day		
M1	Chlorides	2 mg/L	4	4	9.5 mg/L	34	12400
M3	Dissolved Solids	20 mg/L	12	12	2310 mg/L	13500	4910000
M4	Sulphates	5 mg/L	12	12	1580 mg/L	9130	3330000
M5	Iron	0.02 mg/L	12	12	0.661 mg/L	7.34	2680
M7	Uranium	0.02 mg/L	10	12	0.0391 mg/L	0.261	95.3
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

53 – Rio Algom, Panel
SR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	12	24.5 mg/L	197	66900
03	Hydrogen ion (pH)			145	7.82		
08	Total suspended solids	5 mg/L	28	145	3.32 mg/L	31.9	10800
09	Aluminum	0.03 mg/L	4	4	0.283 mg/L	1.92	650
	Cadmium *	0.002 mg/L	5	12	0.00892 mg/L	0.119	40.4
	Cobalt	0.02 mg/L	10	12	0.056 mg/L	0.552	187
	Copper	0.01 mg/L	8	12	0.0148 mg/L	0.141	47.7
	Lead	0.03 mg/L	8	12	0.044 mg/L	0.407	138
	Nickel	0.02 mg/L	12	12	0.0761 mg/L	0.714	242
	Zinc	0.01 mg/L	12	12	0.0488 mg/L	0.398	135
16	Carbon tetrachloride	1.3 ug/L	3	4	23.2 ug/L	0.0371	12.6
4a	Ammonia plus Ammonium	0.25 mg/L	144	144	10.7 mg/L	106	36100
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	9.63 mg/L	95.8	32500
4b	Nitrate+Nitrite	0.25 mg/L	12	12	8.11 mg/L	80.6	27300
98	Ftflow			145	9890 m3/day		
M1	Chlorides	2 mg/L	4	4	163 mg/L	1600	544000
M3	Dissolved Solids	20 mg/L	12	12	2940 mg/L	29300	9920000
M4	Sulphates	5 mg/L	12	12	1730 mg/L	17200	5820000
M5	Iron	0.02 mg/L	12	12	0.426 mg/L	4.88	1660
M7	Uranium	0.02 mg/L	12	12	0.144 mg/L	1.22	412
	Number of Days of Effluent Discharge			339.1			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

54 – Rio Algom, Pronto
SW 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	3	6	14.2 mg/L	135	20000
03	Hydrogen ion (pH)			6	8.63		
09	Aluminum	0.03 mg/L	3	3	0.26 mg/L	2.95	440
	Cadmium *	0.002 mg/L	2	3	0.0137 mg/L	0.13	19.4
	Cobalt	0.02 mg/L	5	6	0.0608 mg/L	0.573	85.4
	Copper	0.01 mg/L	5	6	0.0183 mg/L	0.193	28.8
	Zinc	0.01 mg/L	3	6	0.0102 mg/L	0.0922	13.7
25	Oil and grease	1 mg/L	3	6	1.52 mg/L	11	1640
4a	Ammonia plus Ammonium	0.25 mg/L	6	6	1.12 mg/L	11.5	1720
	Total Kjeldahl Nitrogen	0.5 mg/L	6	6	2.03 mg/L	21.2	3160
4b	Nitrate+Nitrite	0.25 mg/L	3	6	0.347 mg/L	3.76	559
98	Ftflow			6	8990 m3/day		
M1	Chlorides	2 mg/L	3	3	20 mg/L	214	31900
M3	Dissolved Solids	20 mg/L	6	6	885 mg/L	7800	1160000
M4	Sulphates	5 mg/L	6	6	580 mg/L	4890	729000
M5	Iron	0.02 mg/L	6	6	0.365 mg/L	4.29	639
M7	Uranium	0.02 mg/L	3	6	0.0267 mg/L	0.259	38.6
	Number of Days of Effluent Discharge			148.9			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

55 – Rio Algom, Quirke
PR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	7	12	22.4 mg/L	439	150000
02	Cyanide Total	0.005 mg/L	4	4	0.026 mg/L	1.22	415
03	Hydrogen ion (pH)			147	7.59		
08	Total suspended solids	5 mg/L	24	147	3.21 mg/L	60.8	20700
09	Aluminum	0.03 mg/L	4	4	0.428 mg/L	9.56	3260
	Cadmium *	0.002 mg/L	5	12	0.00892 mg/L	0.281	95.7
	Cobalt	0.02 mg/L	12	12	0.0701 mg/L	1.67	569
	Copper	0.01 mg/L	11	12	0.0218 mg/L	0.523	178
	Lead	0.03 mg/L	10	12	0.0448 mg/L	1.11	378
	Nickel	0.02 mg/L	12	12	0.0812 mg/L	2	682
	Zinc	0.01 mg/L	12	12	0.0397 mg/L	0.883	301
14	Phenolics (4AAP)	2 ug/L	4	12	1.34 ug/L	0.0414	14.1
4a	Ammonia plus Ammonium	0.25 mg/L	147	147	54.9 mg/L	1010	344000
	Total Kjeldahl Nitrogen	0.5 mg/L	12	12	48.3 mg/L	1060	363000
4b	Nitrate+Nitrite	0.25 mg/L	12	12	96 mg/L	2070	705000
98	Ftflow			149	18500 m3/day		
M1	Chlorides	2 mg/L	4	4	21.8 mg/L	611	208000
M3	Dissolved Solids	20 mg/L	11	11	2800 mg/L	58200	2E+07
M4	Sulphates	5 mg/L	12	12	1650 mg/L	36500	1E+07
M5	Iron	0.02 mg/L	12	12	0.64 mg/L	15.2	5190
M7	Uranium	0.02 mg/L	12	12	0.148 mg/L	3.2	1090
	Number of Days of Effluent Discharge			340.9			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

56 – Cameco, Refinery, Blind River
SR 0300 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	9	9	187 mg/L	130	32800
02	Cyanide Total	0.005 mg/L	4	4	0.95 mg/L	0.645	163
03	Hydrogen ion (pH)			97	7.39		
08	Total suspended solids	5 mg/L	95	97	34.3 mg/L	22.7	5740
09	Aluminum	0.03 mg/L	3	4	0.077 mg/L	0.0619	15.7
	Zinc	0.01 mg/L	8	9	0.028 mg/L	0.0193	4.89
12	Mercury	0.0001 mg/L	4	4	0.0023 mg/L	0.0016	0.404
14	Phenolics (4AAP)	2 ug/L	6	9	7.19 ug/L	0.00464	1.17
16	Chloroform	0.7 ug/L	4	4	18.5 ug/L	0.012	3.04
17	Benzene	0.5 ug/L	3	4	63.1 ug/L	0.0355	8.99
23	1,2,3,4–Tetrachlorobenzene *	0.01 ug/L	3	4	23.2 ug/L	0.0166	4.21
	1,2,3,5–Tetrachlorobenzene *	0.01 ug/L	3	4	13.8 ug/L	0.00986	2.49
	1,2,3–Trichlorobenzene *	0.01 ug/L	3	4	21.9 ug/L	0.0157	3.98
	1,2,4,5–Tetrachlorobenzene *	0.01 ug/L	3	4	13.5 ug/L	0.00968	2.45
	1,2,4–Trichlorobenzene *	0.01 ug/L	3	4	15.6 ug/L	0.0111	2.82
	2,4,5–Trichlorotoluene *	0.01 ug/L	3	4	8.33 ug/L	0.00573	1.45
	Hexachlorobenzene *	0.01 ug/L	3	4	7.65 ug/L	0.00548	1.39
	Hexachlorobutadiene *	0.01 ug/L	3	4	6.39 ug/L	0.00458	1.16
	Hexachlorocyclopentadiene *	0.01 ug/L	3	4	12 ug/L	0.0086	2.18
	Hexachloroethane *	0.01 ug/L	3	4	4.34 ug/L	0.00312	0.788
	Octachlorostyrene *	0.01 ug/L	3	4	6.64 ug/L	0.00476	1.2
	Pentachlorobenzene *	0.01 ug/L	3	4	5.35 ug/L	0.00384	0.971
25	Oil and grease	1 mg/L	97	97	29.4 mg/L	19.8	5010
4a	Ammonia plus Ammonium	0.25 mg/L	23	97	0.299 mg/L	0.197	49.8
4b	Nitrate+Nitrite	0.25 mg/L	9	9	57.1 mg/L	40.9	10400
5b	TOC, Total Organic Carbon	5 mg/L	4	4	41.8 mg/L	28.1	7120
98	Ftflow			97	668 m3/day		
M1	Chlorides	2 mg/L	4	4	38.5 mg/L	24.7	6260
M3	Dissolved Solids	20 mg/L	9	9	660 mg/L	462	117000
M4	Sulphates	5 mg/L	9	9	25.8 mg/L	16.6	4200
M5	Iron	0.02 mg/L	9	9	5.87 mg/L	4.03	1020
M7	Uranium	0.02 mg/L	6	9	0.0456 mg/L	0.032	8.09
M8	Cyanide (WAD)	0.005 mg/L	4	4	0.858 mg/L	0.584	148
	Number of Days of Effluent Discharge			253			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

57 – Cameco, Refinery, Port Hope
SR 0100 – West UF6/NUO2 Combined Effiue
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			101	8.14		
08	Total suspended solids	5 mg/L	56	100	16.6 mg/L	350	91000
09	Aluminum	0.03 mg/L	4	4	0.153 mg/L	2.83	737
	Zinc *	0.01 mg/L	4	9	0.0124 mg/L	0.284	73.8
25	Oil and grease	1 mg/L	19	99	1.14 mg/L	21.6	5610
4a	Ammonia plus Ammonium	0.25 mg/L	48	101	0.247 mg/L	4.87	1270
	Total Kjeldahl Nitrogen	0.5 mg/L	6	9	0.675 mg/L	17.1	4430
4b	Nitrate+Nitrite	0.25 mg/L	5	9	1.59 mg/L	57.6	15000
98	Ftflow			100	19100 m3/day		
M1	Chlorides	2 mg/L	2	2	32.4 mg/L	673	175000
M3	Dissolved Solids	20 mg/L	8	9	297 mg/L	7170	1860000
M4	Sulphates	5 mg/L	9	9	21.8 mg/L	394	103000
M5	Iron	0.02 mg/L	8	9	0.261 mg/L	5.42	1410
M7	Uranium	0.02 mg/L	7	9	0.03 mg/L	0.603	157
	Number of Days of Effluent Discharge			260			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

57 – Cameco, Refinery, Port Hope
SR 0200 – East UF6 Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			102	8.15		
06	Total phosphorus	0.1 mg/L	4	9	0.0984 mg/L	0.356	82.6
08	Total suspended solids	5 mg/L	74	102	32.6 mg/L	67.9	17700
09	Aluminum	0.03 mg/L	3	4	0.176 mg/L	0.474	123
	Zinc *	0.01 mg/L	4	9	0.01 mg/L	0.0328	8.48
25	Oil and grease	1 mg/L	20	102	1.21 mg/L	2.19	570
4a	Ammonia plus Ammonium	0.25 mg/L	20	98	0.177 mg/L	0.319	83
	Total Kjeldahl Nitrogen	0.5 mg/L	5	9	0.589 mg/L	1.93	503
4b	Nitrate+Nitrite	0.25 mg/L	4	9	1.65 mg/L	6.82	1770
99	Ftflow			102	1800 m3/day		
M1	Chlorides	2 mg/L	2	2	31.6 mg/L	79.3	20600
M3	Dissolved Solids	20 mg/L	8	9	359 mg/L	1650	429000
M4	Sulphates	5 mg/L	8	9	18.3 mg/L	53.4	13900
M5	Iron	0.02 mg/L	8	8	0.42 mg/L	0.943	245
M7	Uranium	0.02 mg/L	6	8	0.0375 mg/L	0.0757	19.7
	Number of Days of Effluent Discharge			260			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

57 – Cameco, Refinery, Port Hope
SR 0300 – UO2 Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			103	8.14		
08	Total suspended solids	5 mg/L	70	101	17.5 mg/L	10.2	2660
09	Aluminum	0.03 mg/L	4	4	0.277 mg/L	0.227	59
	Zinc	0.01 mg/L	6	9	0.0202 mg/L	0.0074	1.92
4a	Ammonia plus Ammonium	0.25 mg/L	36	103	0.326 mg/L	0.229	59.6
	Total Kjeldahl Nitrogen	0.5 mg/L	6	9	0.567 mg/L	0.484	126
4b	Nitrate + Nitrite	0.25 mg/L	5	9	2.06 mg/L	2.67	695
98	Ftflow			103	625 m3/day		
M3	Dissolved Solids	20 mg/L	9	9	418 mg/L	418	109000
M4	Sulphates	5 mg/L	9	9	19.6 mg/L	14.3	3720
M5	Iron	0.02 mg/L	9	9	0.434 mg/L	0.393	102
M7	Uranium	0.02 mg/L	7	9	0.0422 mg/L	0.0172	4.46
	Number of Days of Effluent Discharge			260			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

58 – Rio Algom, Stanleigh
SR 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
01	COD	10 mg/L	8	12	14.6 mg/L	286	88500
03	Hydrogen ion (pH)			144	7.53		
08	Total suspended solids	5 mg/L	138	144	10.3 mg/L	198	61200
09	Aluminum	0.03 mg/L	4	4	1.26 mg/L	24.3	7510
	Cadmium *	0.002 mg/L	5	12	0.00892 mg/L	0.197	60.9
	Cobalt	0.02 mg/L	11	11	0.0431 mg/L	0.853	264
	Copper	0.01 mg/L	10	11	0.0174 mg/L	0.328	102
	Lead	0.03 mg/L	9	11	0.0572 mg/L	1.14	351
	Nickel	0.02 mg/L	11	11	0.056 mg/L	1.05	326
	Zinc	0.01 mg/L	11	11	0.0306 mg/L	0.618	191
4a	Ammonia plus Ammonium	0.25 mg/L	144	144	3.19 mg/L	60.5	18700
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	4.01 mg/L	78.5	24300
4b	Nitrate+Nitrite	0.25 mg/L	11	11	2.94 mg/L	56.2	17400
98	Ftflow			145	18700 m3/day		
M1	Chlorides	2 mg/L	4	4	59.8 mg/L	1110	344000
M3	Dissolved Solids	20 mg/L	11	11	1520 mg/L	29800	9210000
M4	Sulphates	5 mg/L	11	11	918 mg/L	18100	5600000
M5	Iron	0.02 mg/L	11	11	1.03 mg/L	20.8	6420
M7	Uranium	0.02 mg/L	10	11	0.0599 mg/L	1.19	368
	Number of Days of Effluent Discharge			309.2			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

59 – Denison Mines, Stanrock
SW 0100 – Final Discharge
Selected Parameters

MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

ATG	Parameter	RMDL	Samples >RMDL	Samples	Average (LTA) Concentration	Average (LTA) Loading (kg/day)	Annual Loading (kg/year)
03	Hydrogen ion (pH)			12	7.94		
08	Total suspended solids	5 mg/L	5	12	4.92 mg/L	12.2	4450
09	Aluminum	0.03 mg/L	4	4	0.428 mg/L	2.14	781
	Zinc	0.01 mg/L	6	12	0.0134 mg/L	0.0262	9.57
14	Phenolics (4AAP)	2 ug/L	6	12	2.44 ug/L	0.00602	2.2
4a	Ammonia plus Ammonium	0.25 mg/L	11	12	2.37 mg/L	6.25	2280
	Total Kjeldahl Nitrogen	0.5 mg/L	11	11	3.45 mg/L	7.65	2790
4b	Nitrate+Nitrite	0.25 mg/L	12	12	5.56 mg/L	12.2	4450
98	Ftflow			12	2440 m3/day		
M1	Chlorides	2 mg/L	4	4	146 mg/L	331	121000
M3	Dissolved Solids	20 mg/L	12	12	1840 mg/L	4040	1470000
M4	Sulphates	5 mg/L	12	12	904 mg/L	2060	754000
M5	Iron	0.02 mg/L	12	12	0.283 mg/L	1.03	375
M7	Uranium	0.02 mg/L	6	12	0.0223 mg/L	0.0482	17.6
	Number of Days of Effluent Discharge			365			

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report.

APPENDIX 6

MONTHLY AVERAGE CONCENTRATION PLOTS

MISA Metal Mining Sector
12 - Month Database
February 1, 1990 to January 31, 1991

Nickel, Copper, Lead, Zinc,
Arsenic, Cyanide (Total),
Total Suspended Solids, Hydrogen Ion (pH)

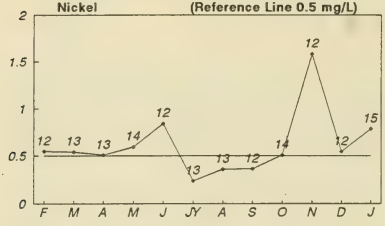
Molybdenum, Mercury,
Ammonia + Ammonium, Total Kjeldahl Nitrogen,
Phosphorus, Phenolics, Oil & Grease, TOC

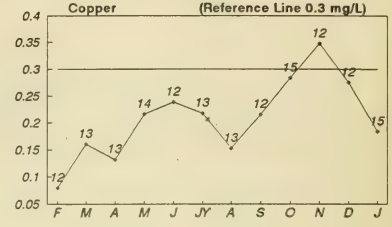
COMPANY LIST – MISA Metal Mining Sector

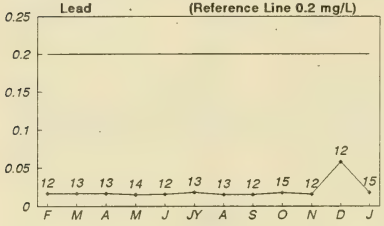
NUMBER	OWNER	PLANT	LOCATION	STREAM IDENTIFICATION	
1	INCO Limited	Copper Cliff Treatment Plant	Sudbury	PR 0100	Final Discharge
2	INCO Limited	Crean Hill Mine	Sudbury	MW 0100	Minewater
3	Falconbridge Limited	Falconbridge	Sudbury	PR 0100	Final Discharge
4	INCO Limited	Garson Mine	Sudbury	MW 0100	Minewater
5	Noranda Minerals Inc.	Geco Division	Manitouwadge	PR 0100	WWTP Effluent
6	Falconbridge Limited	Kidd Creek Mine	Kidd Township	MW 0100	Minewater
7	INCO Limited	Levack Mine	Sudbury	MW 0100	Minewater
8	Falconbridge Limited	Lockerby	Sudbury	MW 0100	Minewater
9	Falconbridge Limited	Metallurgical Site	Hoyle Township	PR 0100	Final Discharge
10	INCO Limited	Nickel Refinery	Sudbury	SR 0100	Discharge from Second Pond
11	INCO Limited	Nolin Creek Treatment Plant	Sudbury	SW 0100	Final Discharge
12	Falconbridge Limited	Onaping	Sudbury	MW 0100	Discharge from Onaping Mine Pond
13	INCO Limited	Nickel Refinery	Port Colborne	SR 0100	Final Discharge
14	INCO Limited	Shebandowan Property	Thunder Bay	PR 0100	Final Discharge
15	Falconbridge Limited	Strathcona (Moose Lake)	Sudbury	PR 0100	Final Discharge
16	INCO Limited	Whistle	Sudbury	MW 0100	Minewater Discharge
17	Minnova Inc.	Winston Lake Mine	District of Thunder Bay	PR 0100	Final Discharge
19	Dickenson Mines Limited	Arthur W. White Mine	Golden Township	PR 0100	Final Discharge
21	Canamax Resources Inc.	Bell Creek Mine	Timmins	PR 0100	Final Discharge
24	Teck – Corona Operating Corporation	David Bell Mine	Hemlo	PR 0100	Final Discharge
25	Placer Dome Inc.	Detour Lake Mine	Detour Lake	PR 0100	Final Discharge
26	Placer Dome Inc.	Dome Mine	Timmins	PR 0100	Final Discharge
27	Placer Dome Inc.	Dona Lake Mine	Pickle Lake	PR 0100	Final Discharge
28	Eastmaque Gold Mines Ltd.	Eastmaque Gold Mines Limited	Kirkland Lake	PR 0100	Final Discharge
29	Giant Yellowknife Mines Limited	ERG Resources	Timmins	PR 0100	Final Discharge
30	Hemlo Gold Mines Inc.	Golden Giant Mine	Hemlo	PR 0100	Final Discharge
31	Canamax Resources Inc.	Kremzar Mine	Finan Township	PR 0100	Effluent from SE Clearwater
32	LAC Minerals Ltd.	Macassa Division	Kirkland Lake	PR 0100	Final Discharge
35	Canamax Resources Inc.	Marhill Mine	Timmins	MW 0100	Minewater
36	American Barrick Resources Corporation	McDermott	Harker Township	PR 0100	Final Discharge
37	Bond Gold Canada Inc.	Muskegsagagen Lake	District of Kenora	PR 0100	Final Discharge
38	LAC Minerals Ltd.	Williams Mine	Hemlo	MW 0100	Minewater
38	LAC Minerals Ltd.	Williams Mine	Hemlo	PR 0200	Final Discharge
39	Giant Yellowknife Mines Limited	Pamour #1	Timmins	PR 0100	Decant Weir #2
39	Giant Yellowknife Mines Limited	Pamour #1	Timmins	PR 0200	Decant Weir #1A
40	Giant Yellowknife Mines Limited	Pamour – Schumacher	Timmins	MW 0100	Final Discharge
42	Renabie Gold Mines Ltd.	Renable Gold Mines Ltd.	Renable	PR 0100	Finál Discharge
45	St. Andrews Gold Fields Ltd.	St. Andrew Gold Fields	Stock Township	PR 0100	Process Effluent
46	The Algoma Steel Corporation Limited	Algoma Ore Division	Wawa	PR 0100	Final Decant
51	Denison Mines Limited	Denison Property	Elliot Lake	PR 0100	Final Discharge
51	Denison Mines Limited	Denison Property	Elliot Lake	SW 0200	Final Discharge
52	Rio Algom Limited	Lacnor/Nordic	Elliot Lake	SW 0100	Final Discharge
53	Rio Algom Limited	Panel	Elliot Lake	PR 0100	Final Discharge
54	Rio Algom Limited	Pronto	Spragge	SW 0100	Final Discharge
55	Rio Algom Limited	Quirke	Elliot Lake	PR 0100	Final Discharge
56	Cameco – A Canadian Mining & Energy Corporation	Refinery	Blind River	SR 0300	Final Discharge
57	Cameco – A Canadian Mining & Energy Corporation	Refinery	Port Hope	SR 0100	West UF6/NUO2 Combined Effluent
57	Cameco – A Canadian Mining & Energy Corporation	Refinery	Port Hope	SR 0200	East UF6 Discharge
57	Cameco – A Canadian Mining & Energy Corporation	Refinery	Port Hope	SR 0300	UO2 Discharge
58	Rio Algom Limited	Stanleigh	Elliot Lake	PR 0100	Final Discharge
59	Denison Mines Limited	Stanrock Property	Elliot Lake	SW 0100	Final Discharge

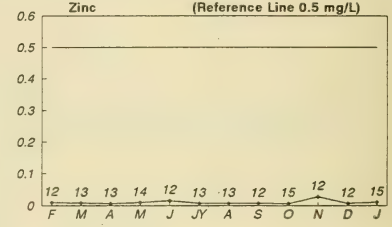
1 – INCO, Copper Cliff T.P.
PR 0100 – Final Discharge
Monthly Averages

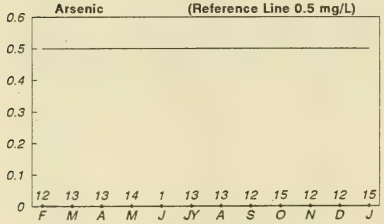
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

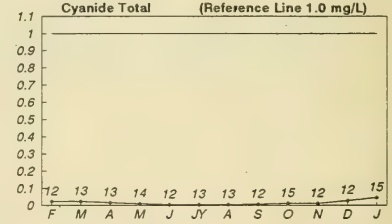


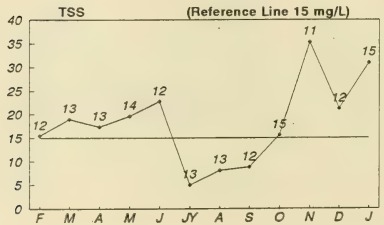


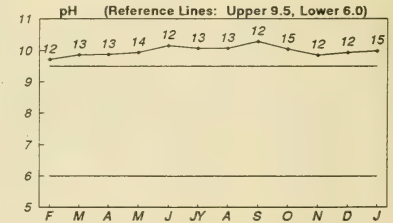








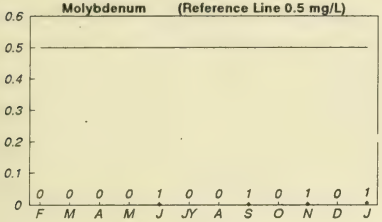


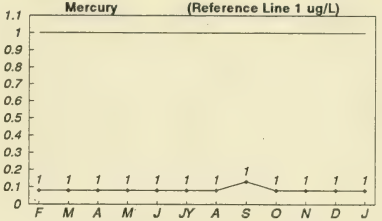


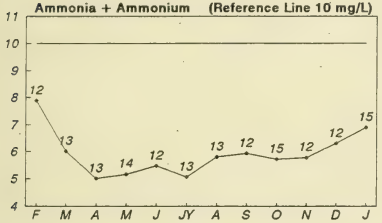
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

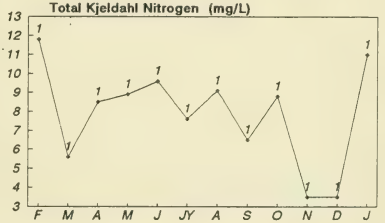
1 – INCO, Copper Cliff T.P.
PR 0100 – Final Discharge
Monthly Averages

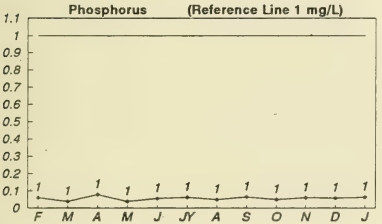
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

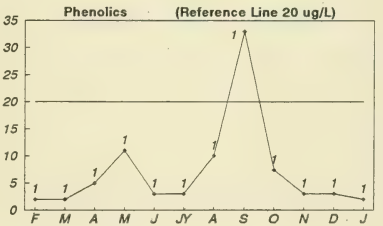


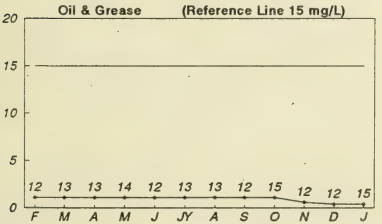


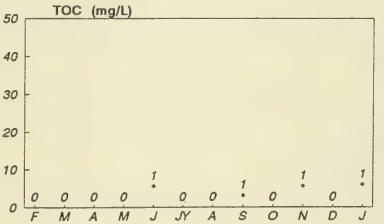








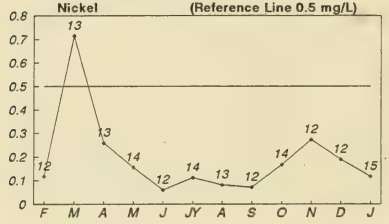


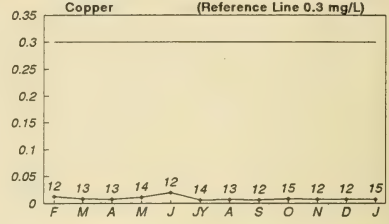


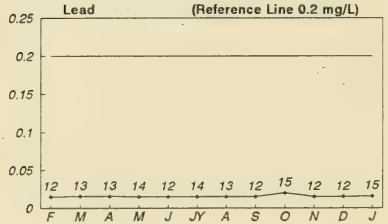
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

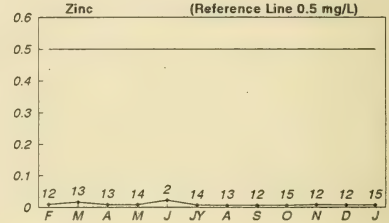
2 – INCO, Crean Hill Mine
MW 0100 – Minewater
Monthly Averages

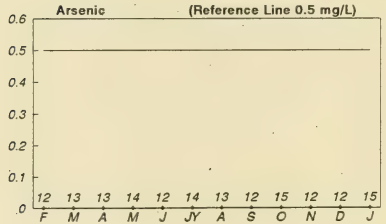
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

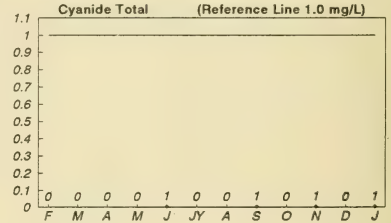


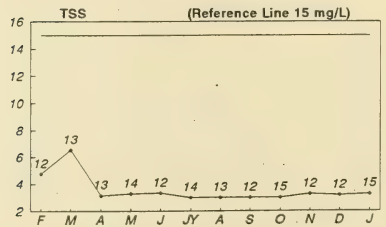


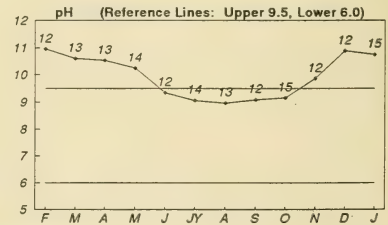












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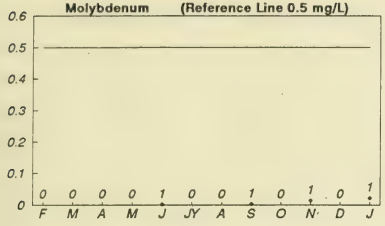
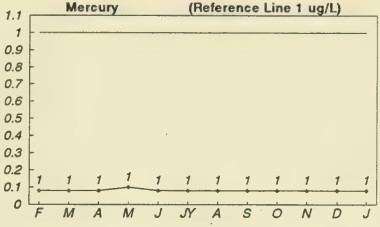
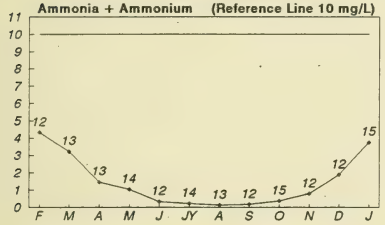
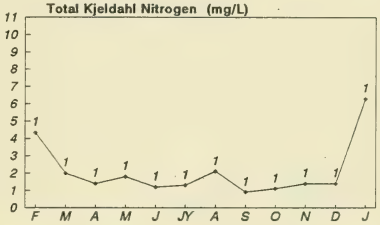
2 – INCO, Crean Hill Mine
MW 0100 – Minewater
Monthly Averages

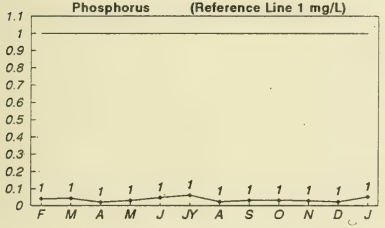
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

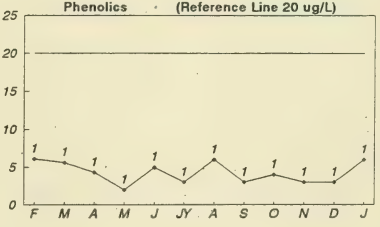


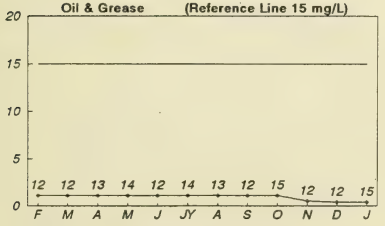


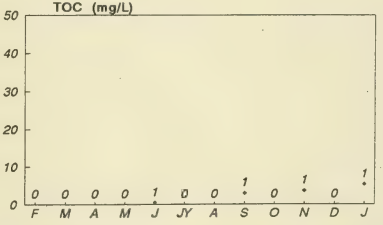








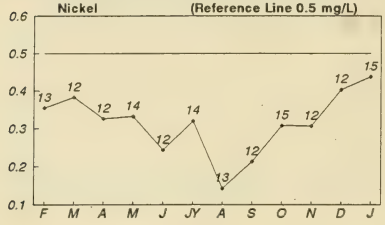


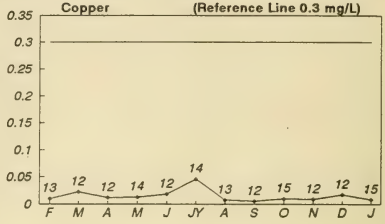


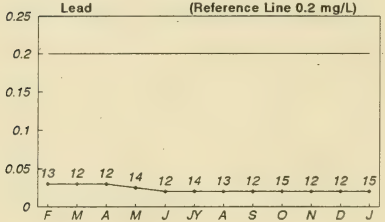
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

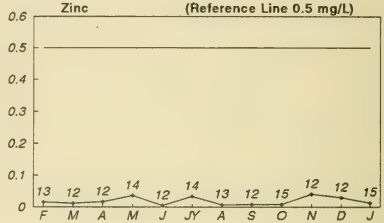
3 – Falconbridge, Falconbridge
PR 0100 – Final Discharge
Monthly Averages

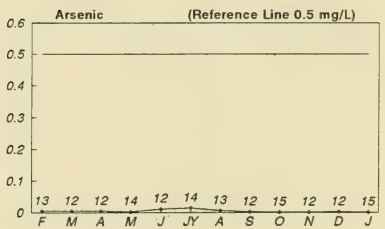
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

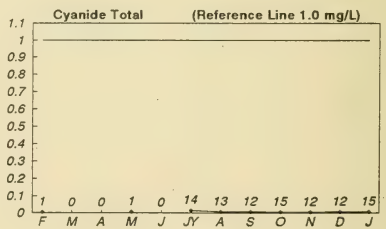


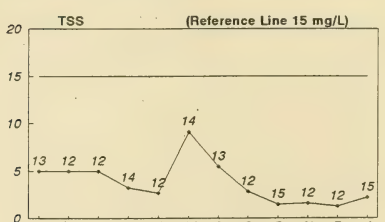


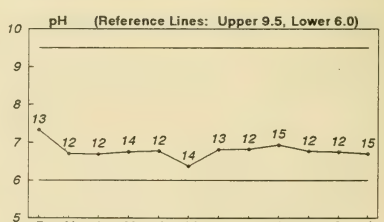








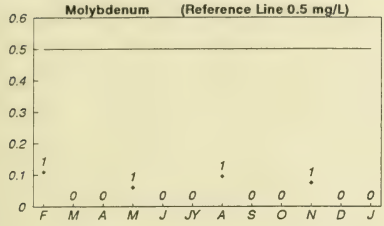


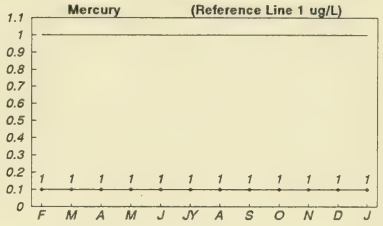


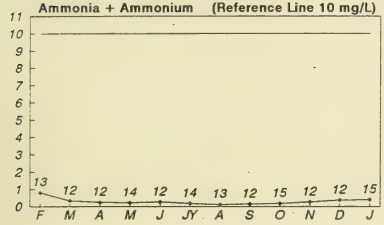
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

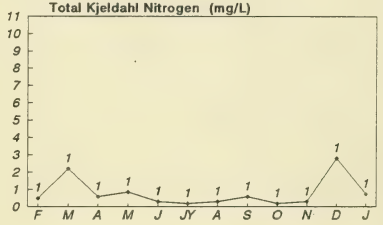
3 – Falconbridge, Falconbridge
PR 0100 – Final Discharge
Monthly Averages

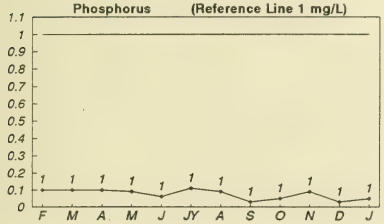
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

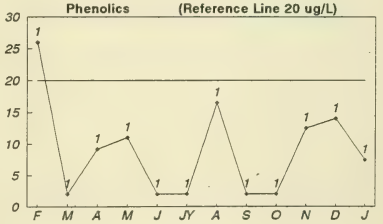


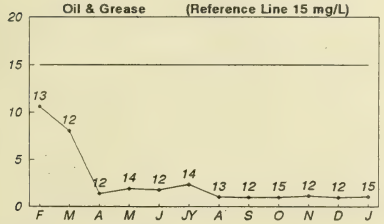


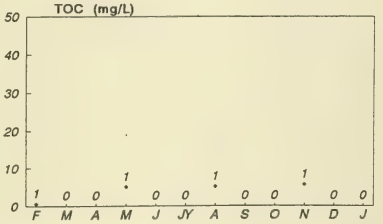








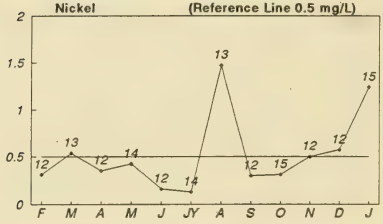


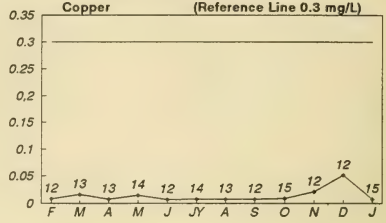


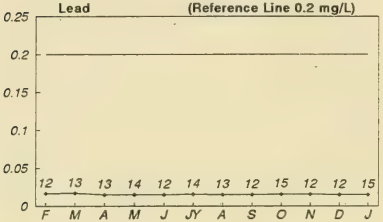
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

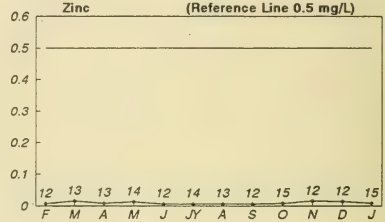
4 – INCO, Garson Mine
MW 0100 – Minewater
Monthly Averages

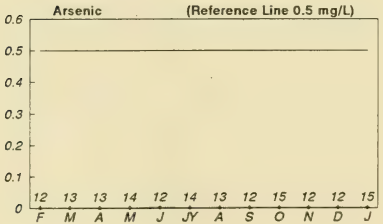
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

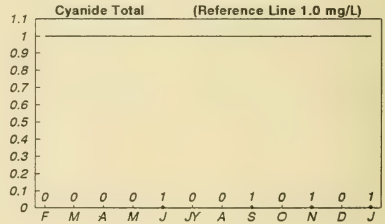


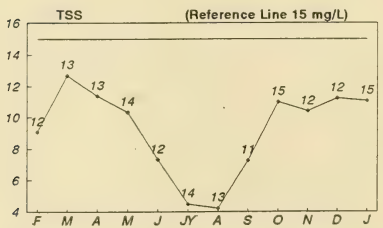


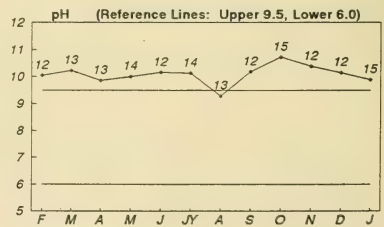








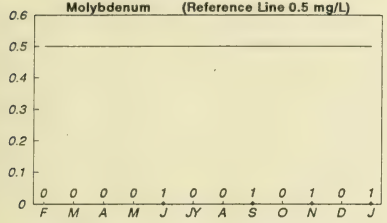


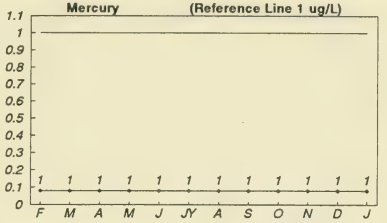


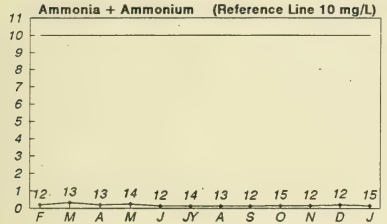
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

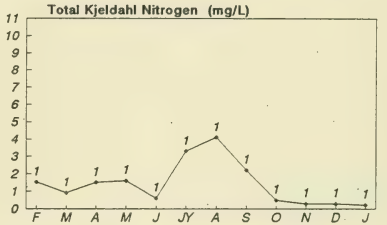
4 – INCO, Garson Mine
MW 0100 – Minewater
Monthly Averages

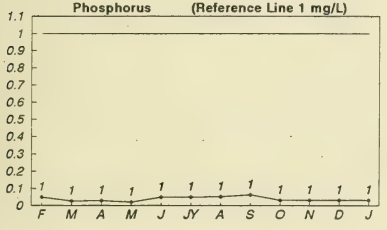
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

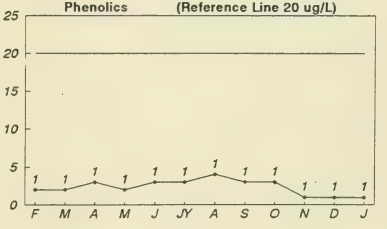


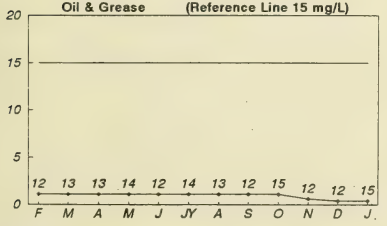


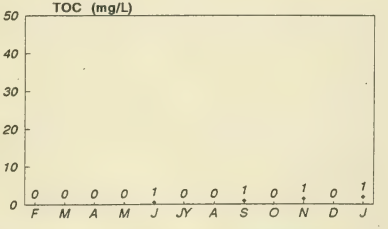








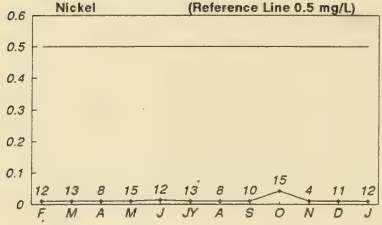


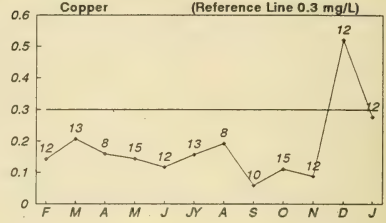


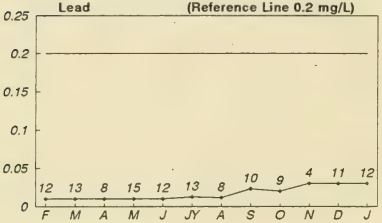
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

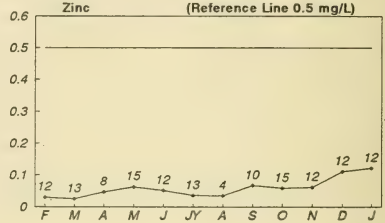
5 – Noranda Minerals, Geco Division
PR 0100 – WWTP Effluent
Monthly Averages

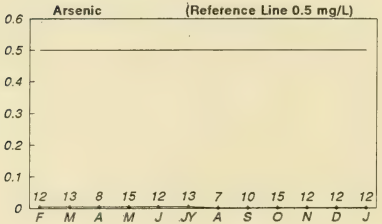
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

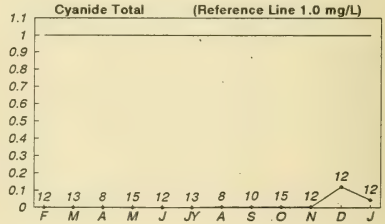


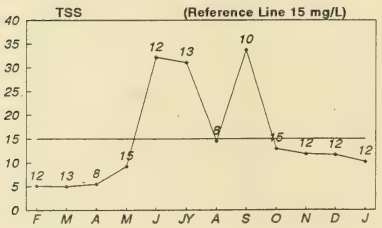


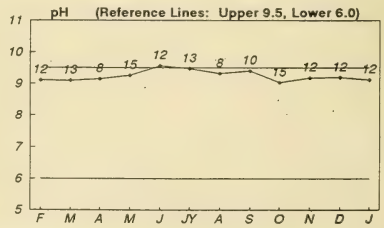








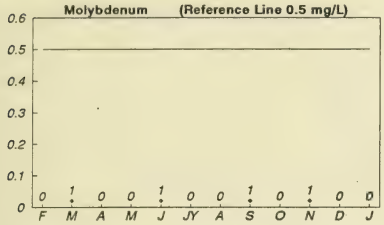


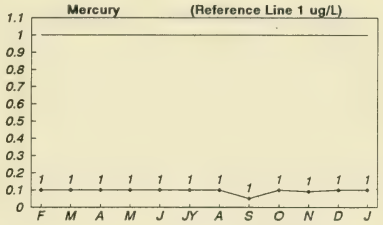


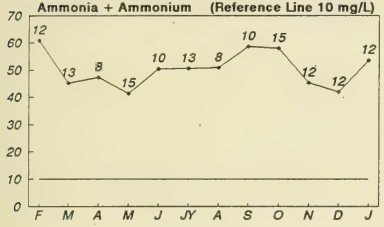
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

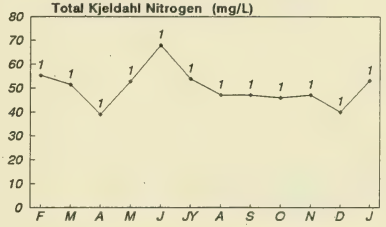
5 – Noranda Minerals, Geco Division
PR 0100 – WWTP Effluent
Monthly Averages

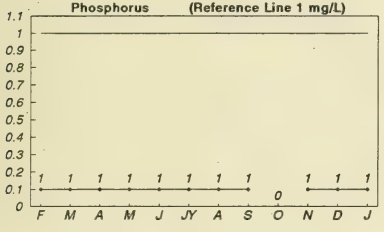
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

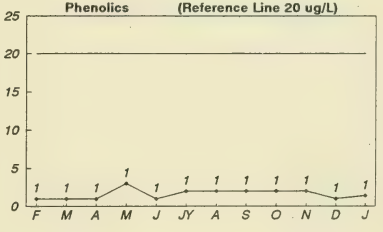


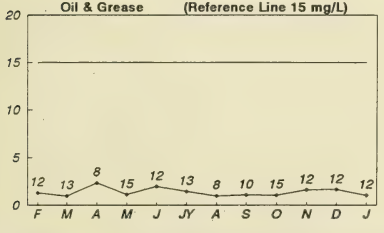


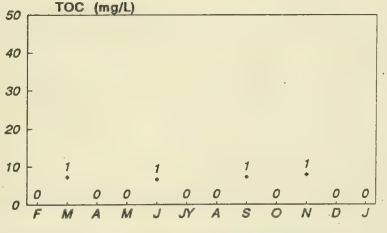








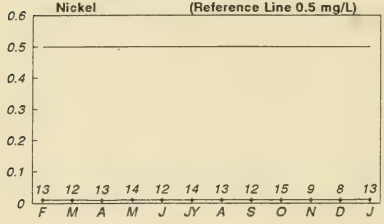


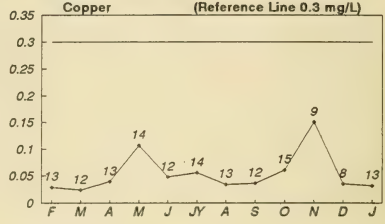


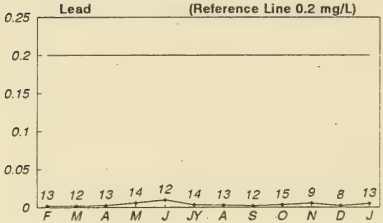
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

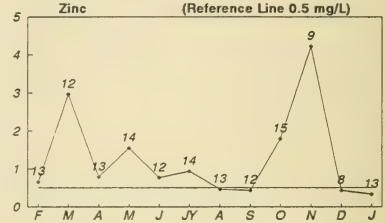
6 – Falconbridge, Kidd Creek Mine
MW 0100 – Minewater
Monthly Averages

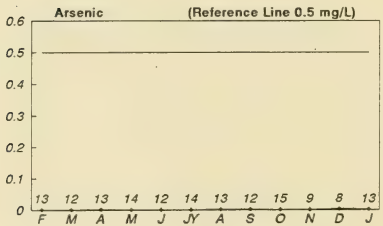
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

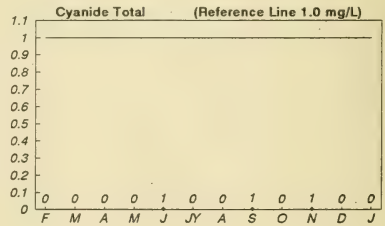


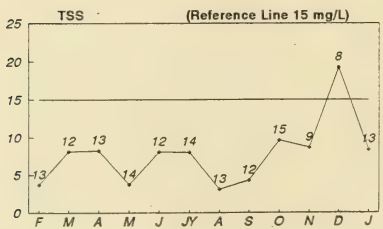


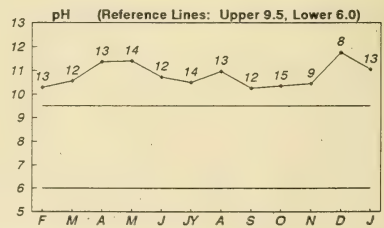








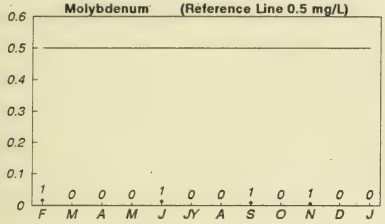


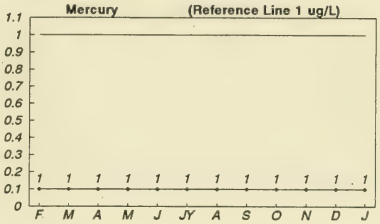


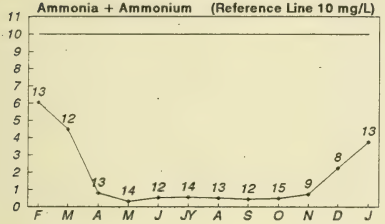
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

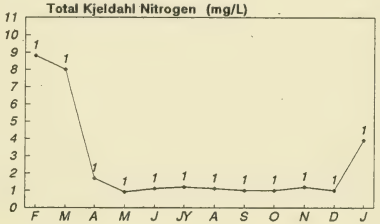
6 – Falconbridge, Kidd Creek Mine
MW 0100 – Minewater
Monthly Averages

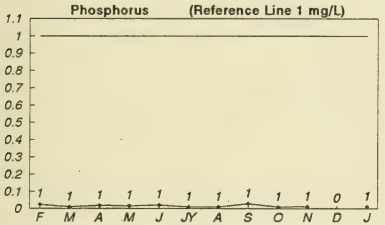
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

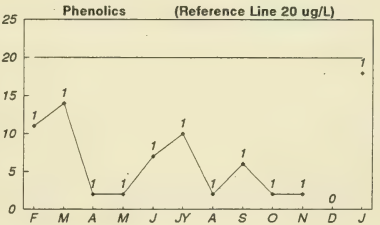


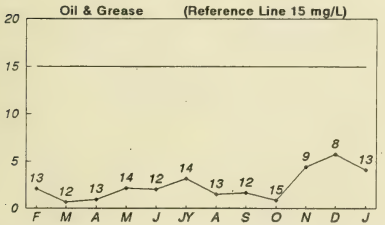


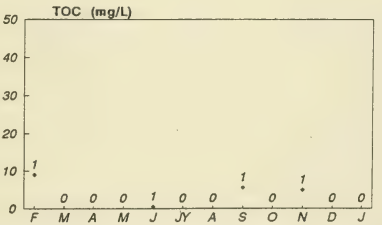








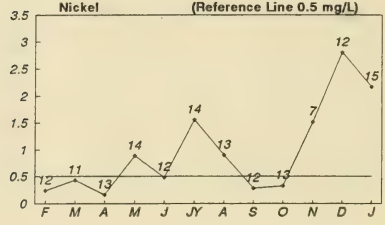


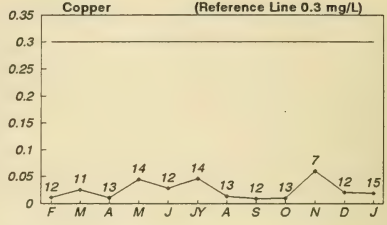


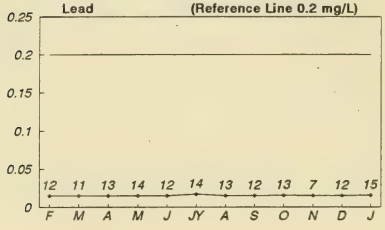
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

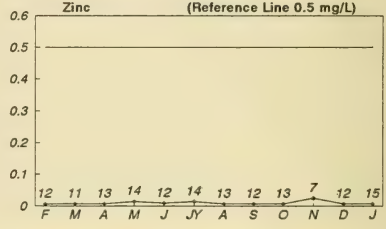
7 – INCO, Levack Mine
MW 0100 – Minewater
Monthly Averages

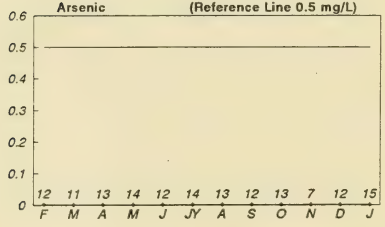
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

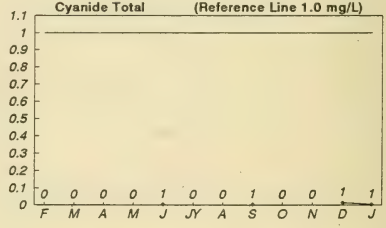


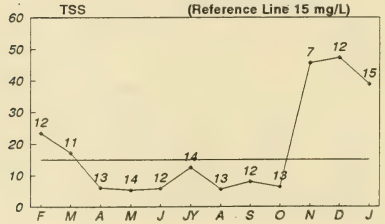


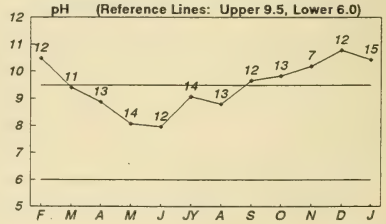








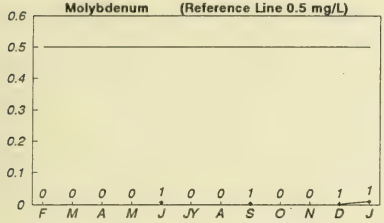


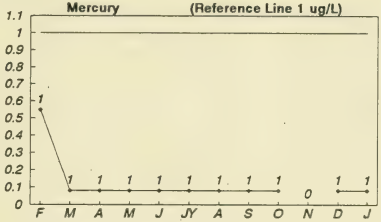


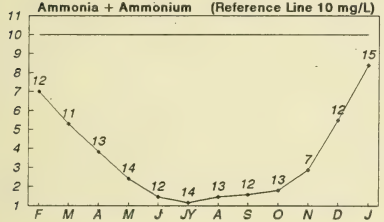
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

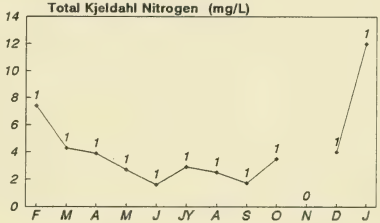
7 – INCO, Levack Mine
MW 0100 – Minewater
Monthly Averages

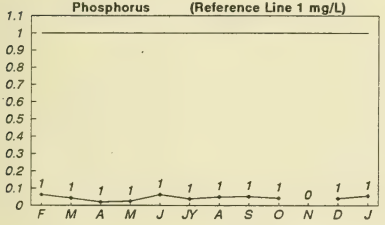
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

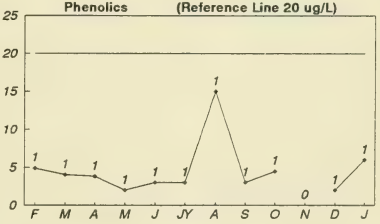


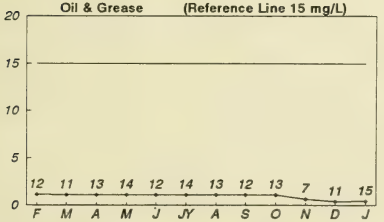


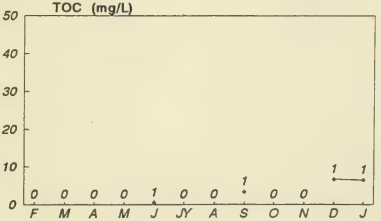








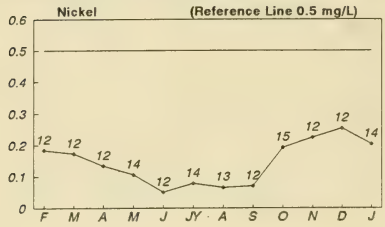


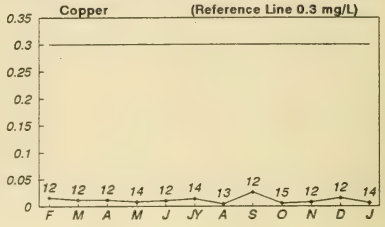


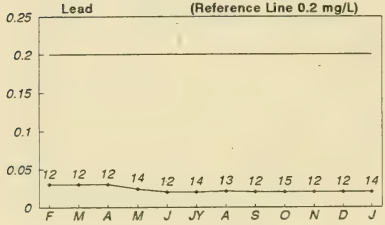
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

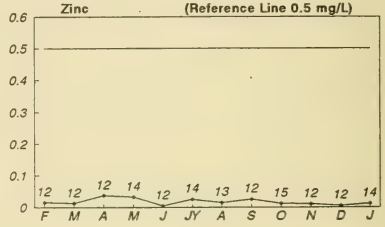
8 – Falconbridge, Lockerby
MW 0100 – Minewater
Monthly Averages

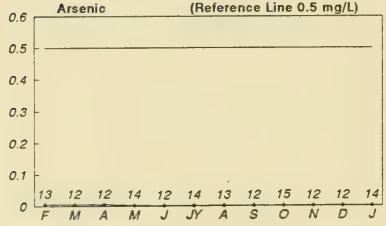
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

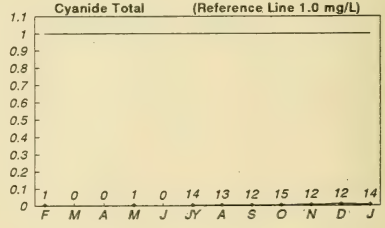


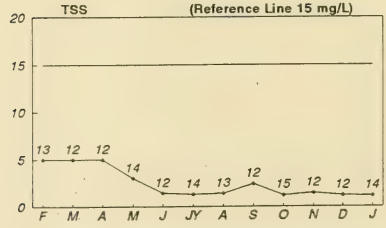


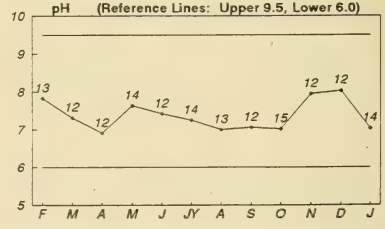








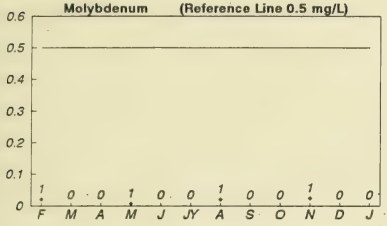


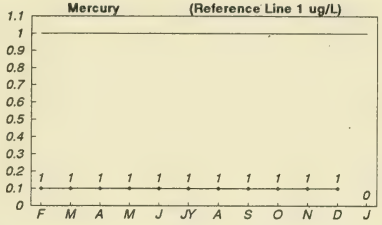


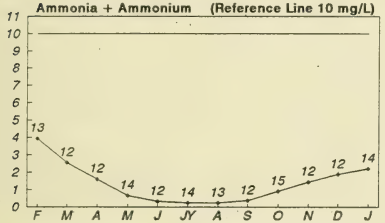
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

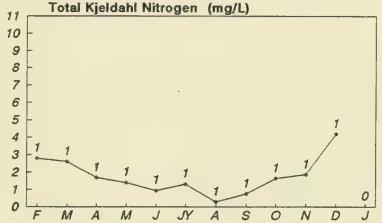
8 – Falconbridge, Lockerby
MW 0100 – Minewater
Monthly Averages

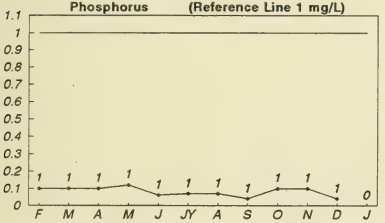
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

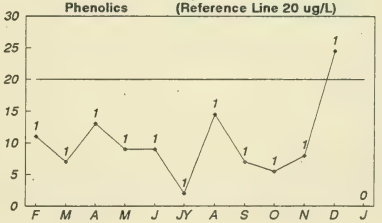


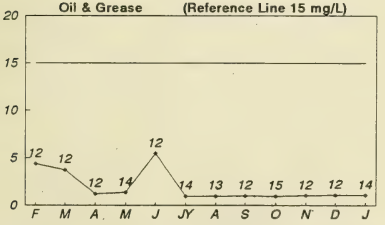


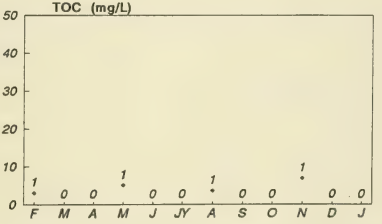








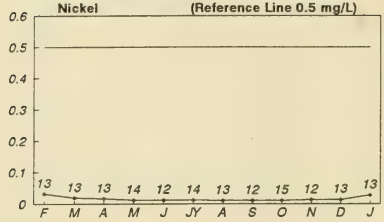


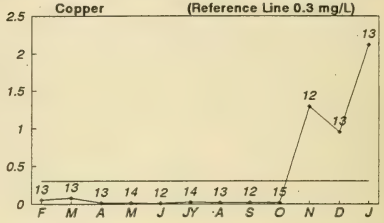


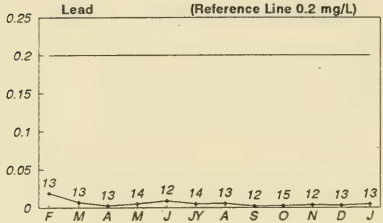
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

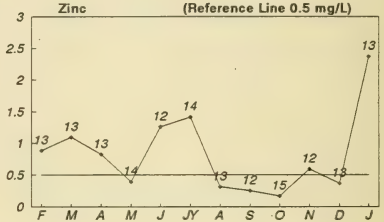
9 – Falconbridge, Metallurgical
PR 0100 – Final Discharge
Monthly Averages

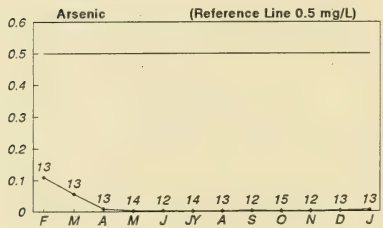
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

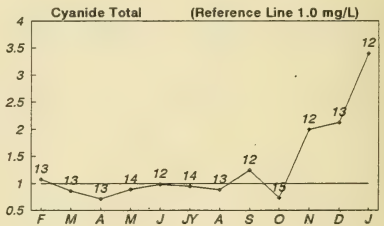


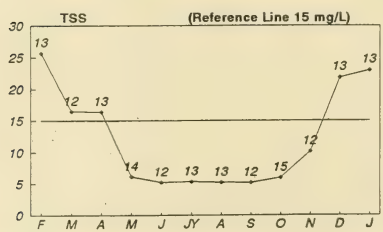


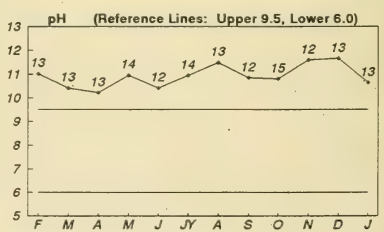








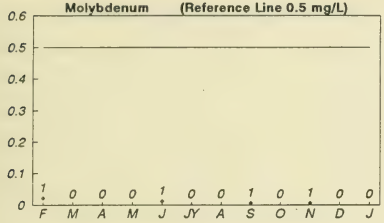


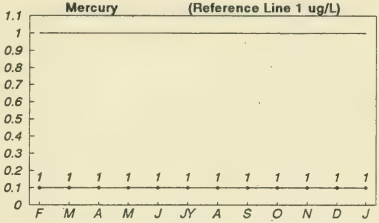


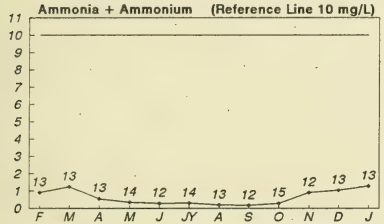
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

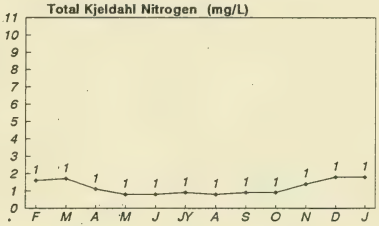
9 – Falconbridge, Metallurgical
PR 0100 – Final Discharge
Monthly Averages

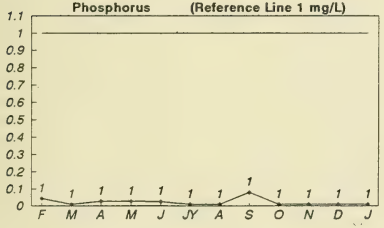
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

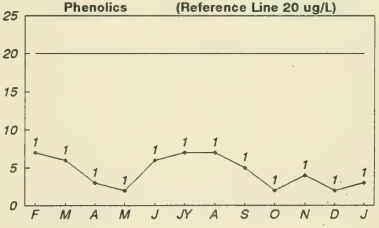


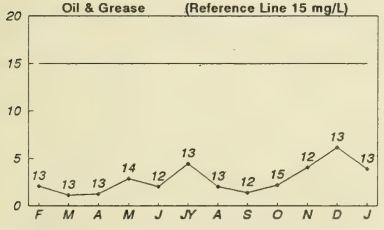


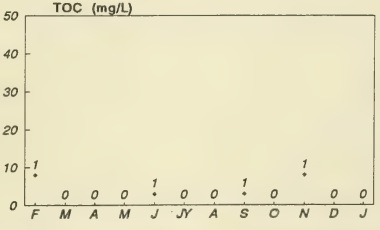








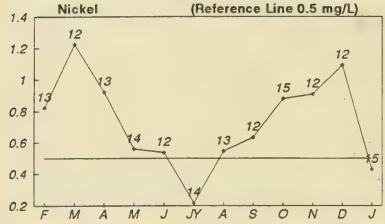


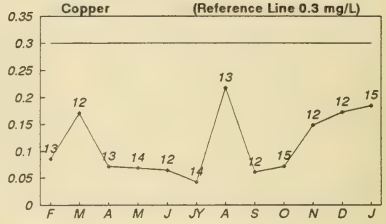


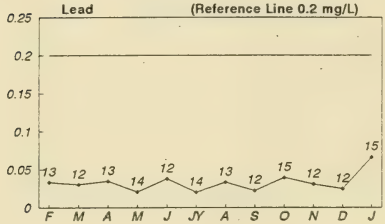
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

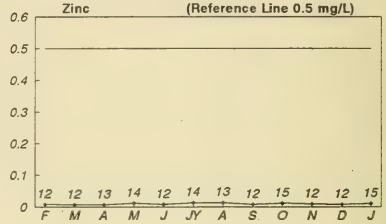
10 – INCO, Refinery, Sudbury
SR 0100 – Discharge from Second Pond
Monthly Averages

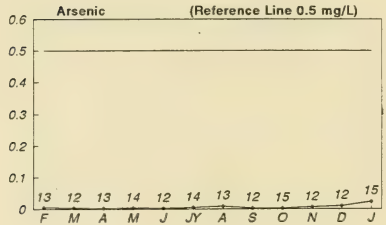
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

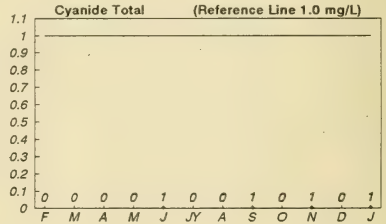


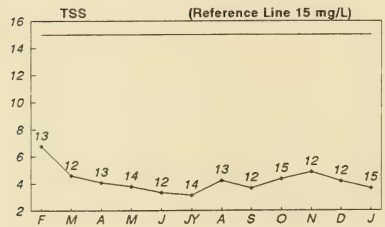


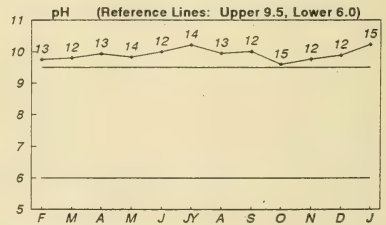








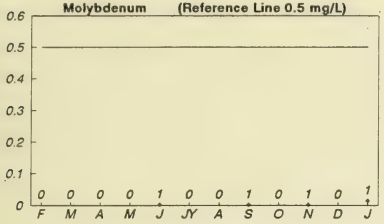


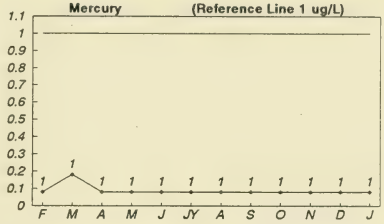


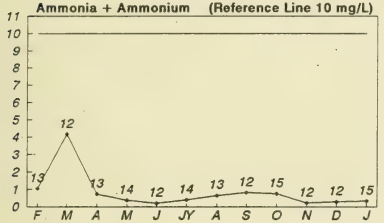
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

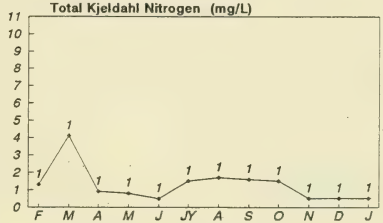
10 – INCO, Refinery, Sudbury
SR 0100 – Discharge from Second Pond
Monthly Averages

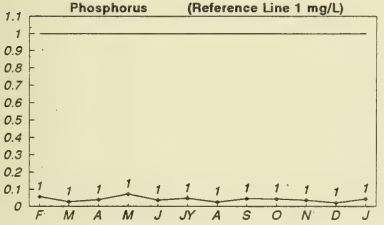
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

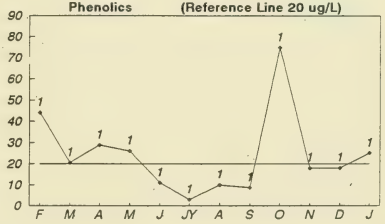


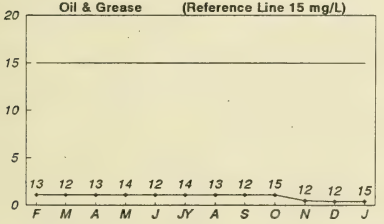


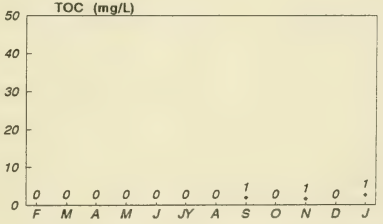




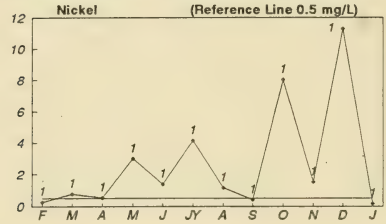


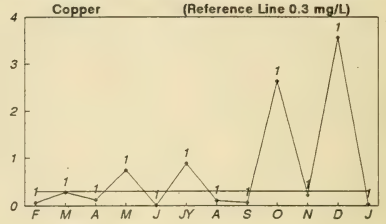


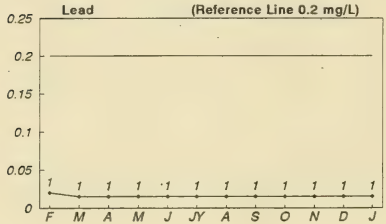


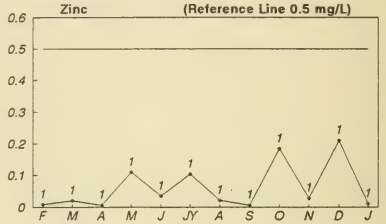


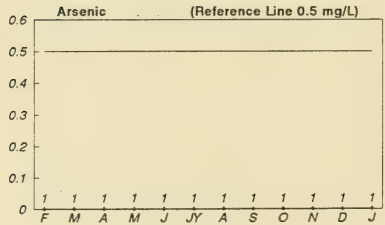
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

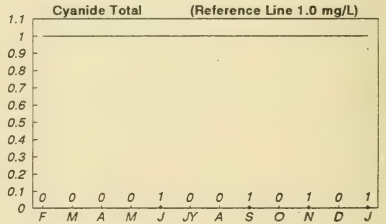


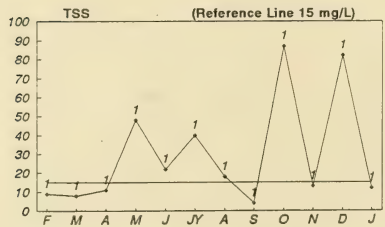


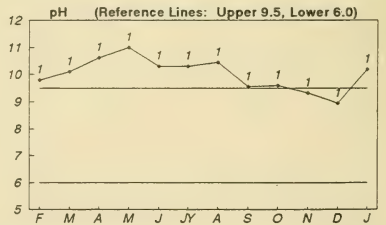








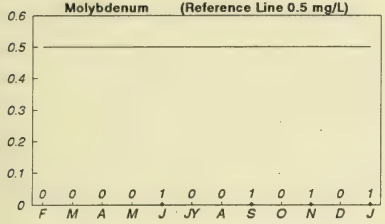


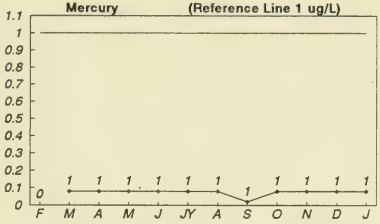


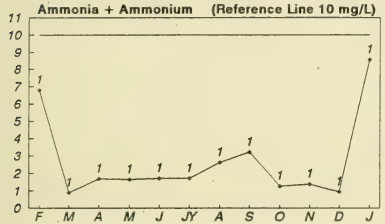
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

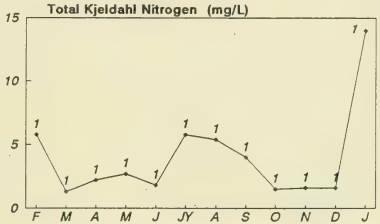
11 – INCO, Nolin Creek T.P.
SW 0100 – Final Discharge
Monthly Averages

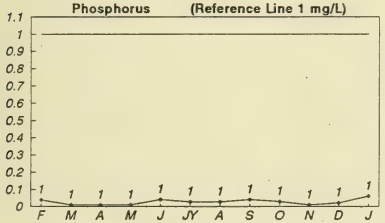
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

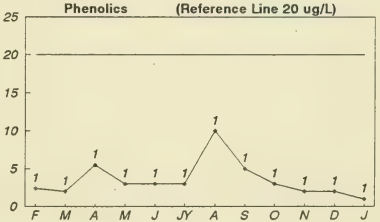


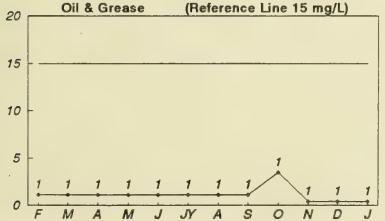


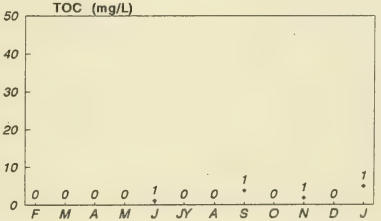








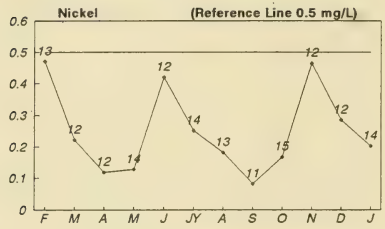


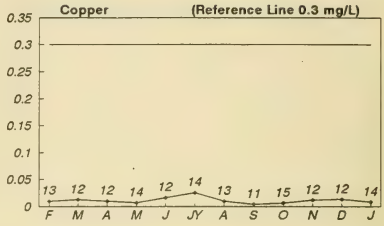


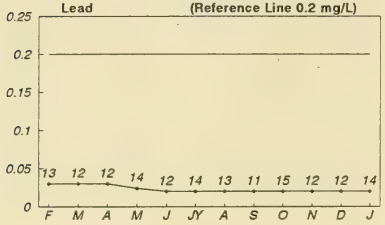
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

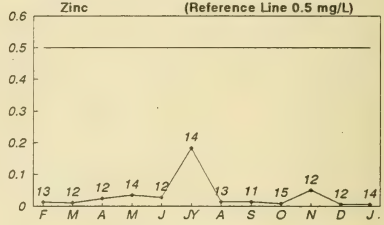
12 – Falconbridge, Onaping
MW 0100 – Discharge from Onaping Mine Pond
Monthly Averages

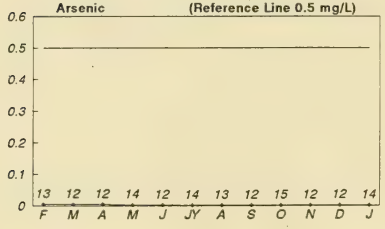
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

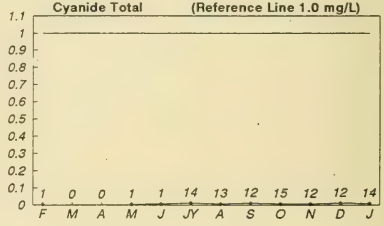


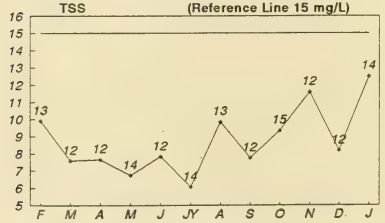


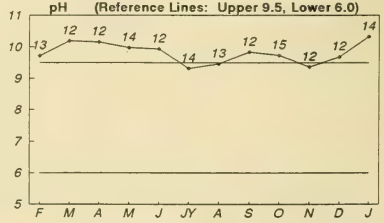








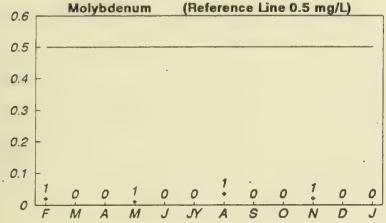


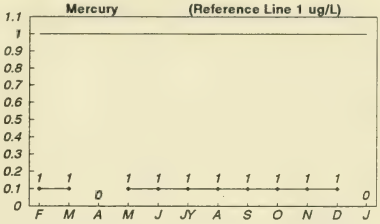


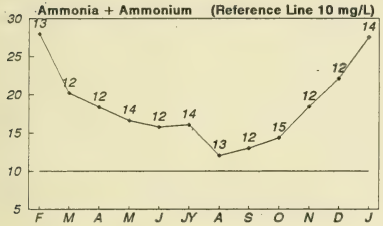
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

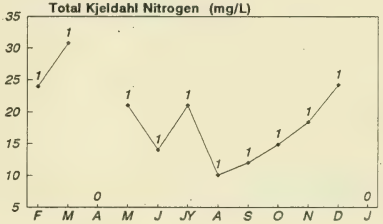
12 – Falconbridge, Onaping
MW 0100 – Discharge from Onaping Mine Pond
Monthly Averages

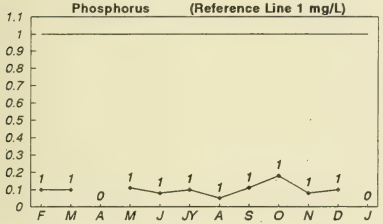
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

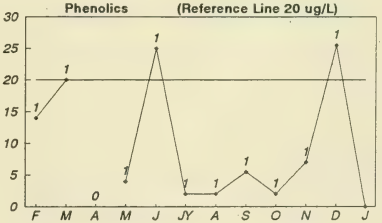


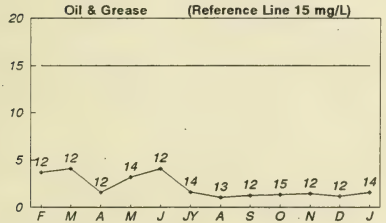


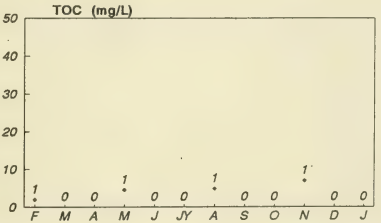








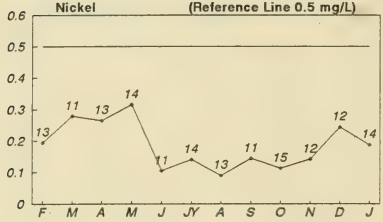


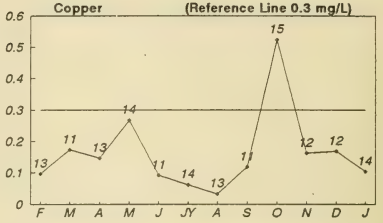


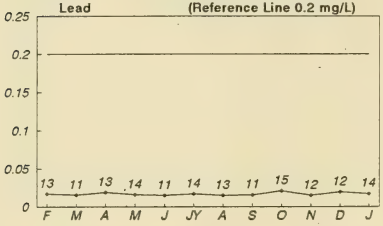
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

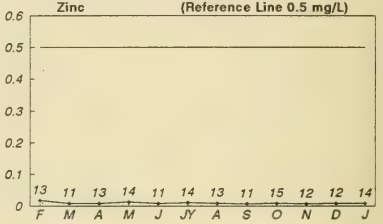
13 – INCO, Refinery, Port Colborne
SR 0100 – Final Discharge
Monthly Averages

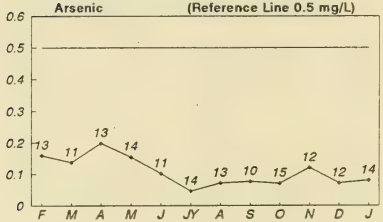
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

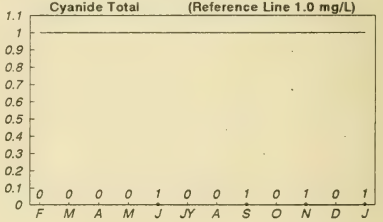


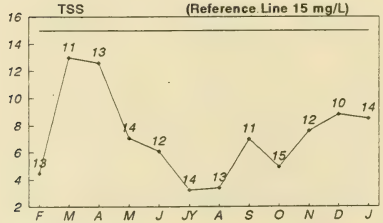


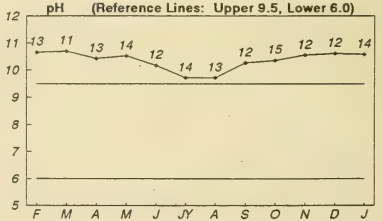








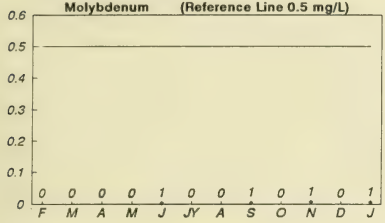


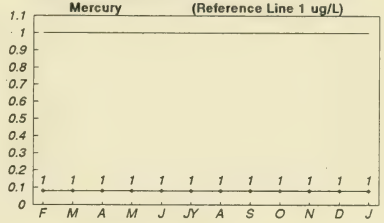


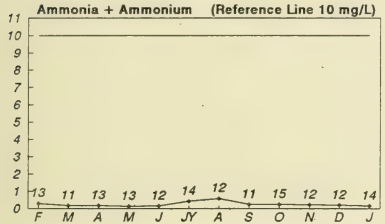
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

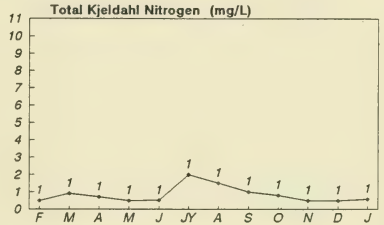
13 – INCO, Refinery, Port Colborne
SR 0100 – Final Discharge
Monthly Averages

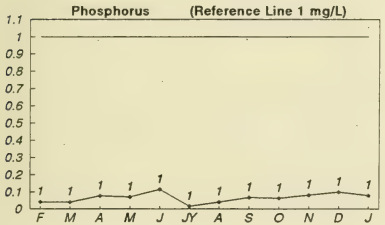
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

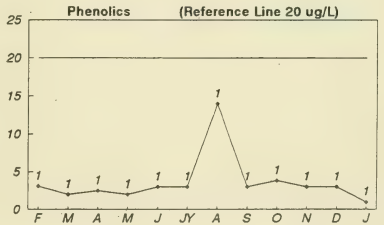


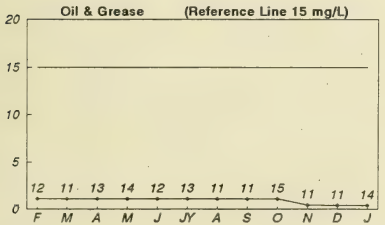


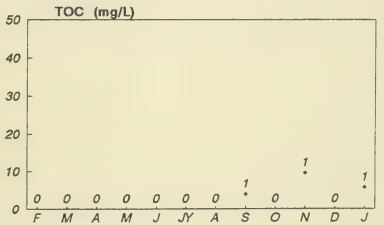








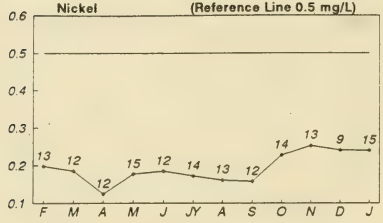


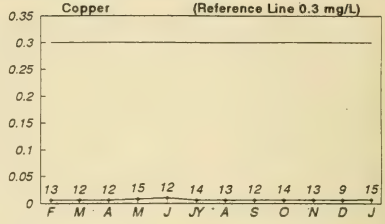


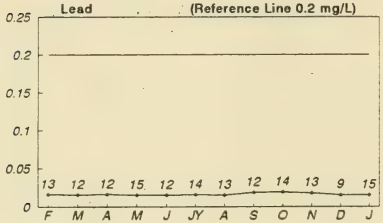
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

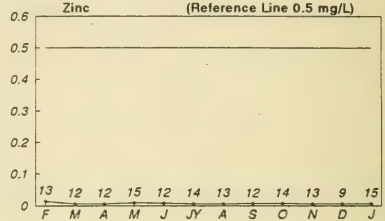
14 – INCO, Shebandowan Mine
PR 0100 – Final Discharge
Monthly Averages

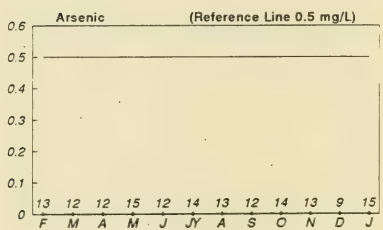
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

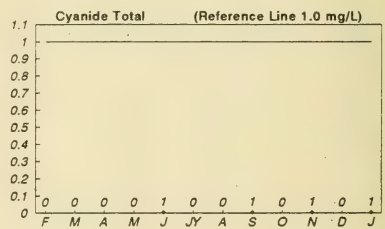


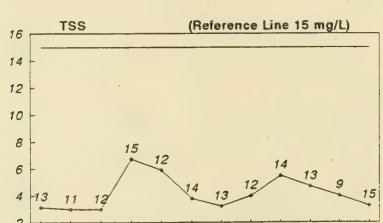


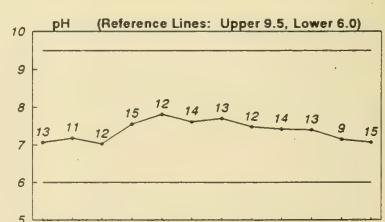












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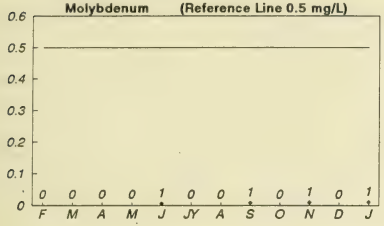
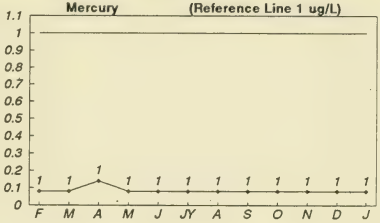
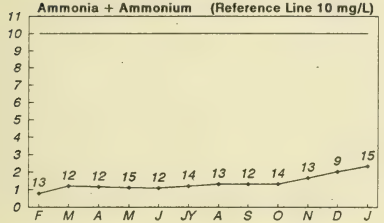
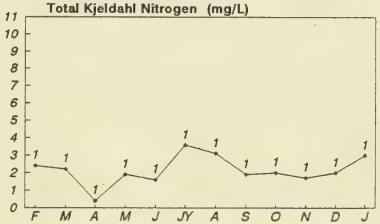
14 – INCO, Shebandowan Mine
PR 0100 – Final Discharge
Monthly Averages

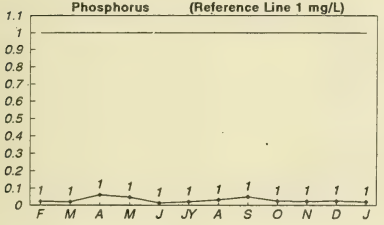
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

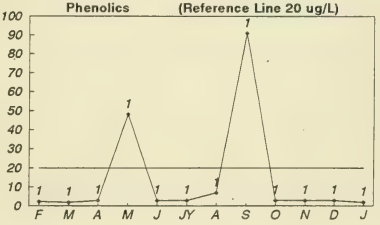


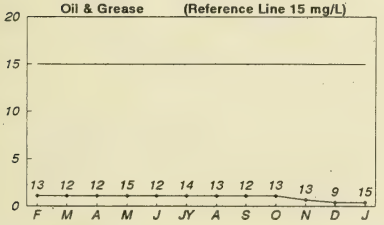


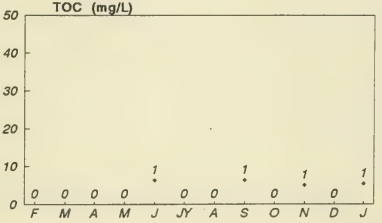








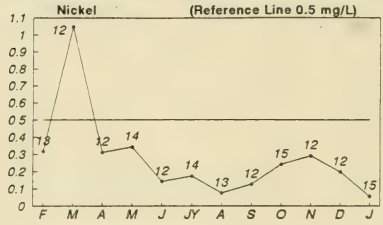


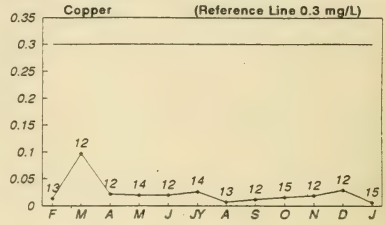


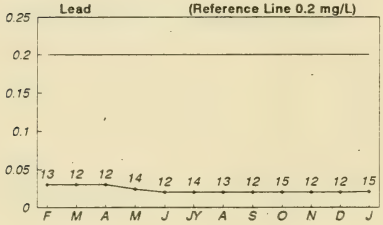
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

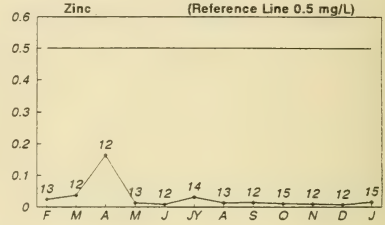
15 – Falconbridge, Strathcona
PR 0100 – Final Discharge
Monthly Averages

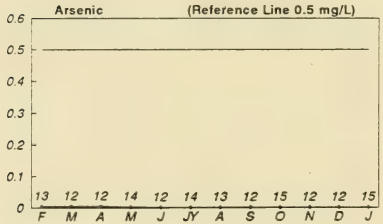
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

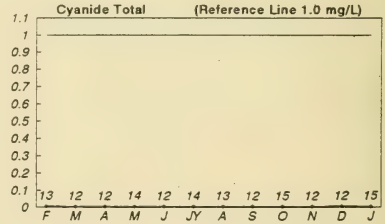


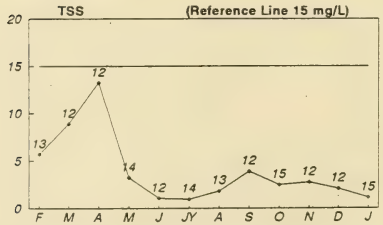


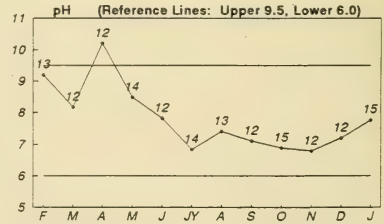












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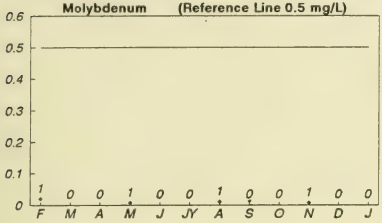
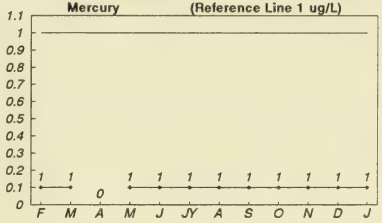
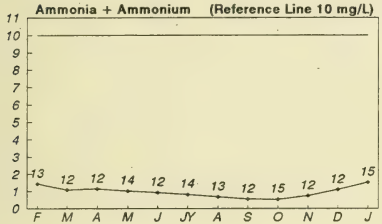
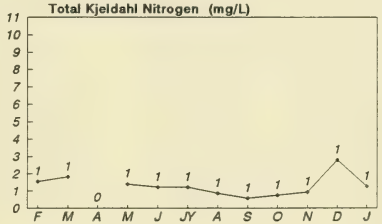
15 – Falconbridge, Strathcona
PR 0100 – Final Discharge
Monthly Averages

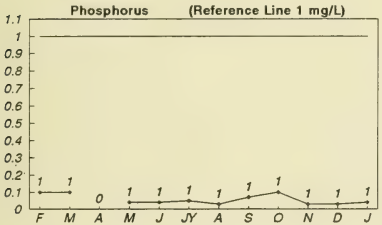
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

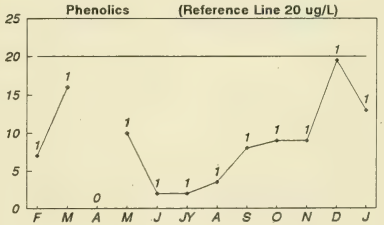


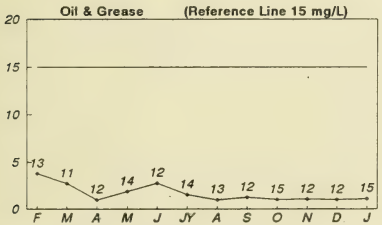


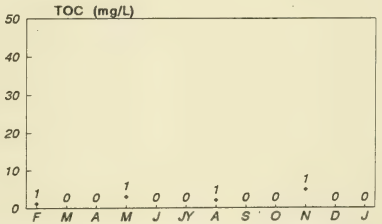












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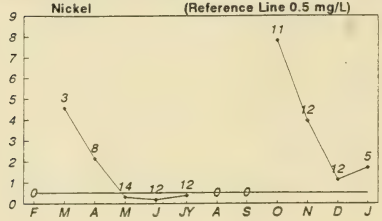
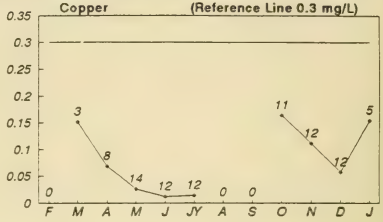
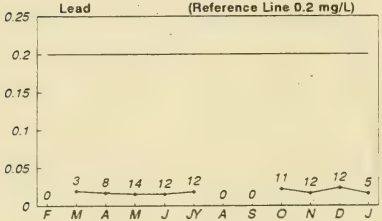
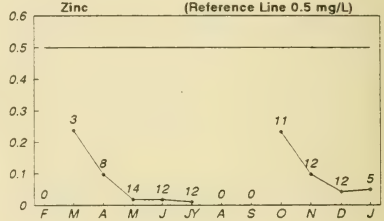
16 – INCO, Whistle Mine
MW 0100 – Minewater Discharge
Monthly Averages

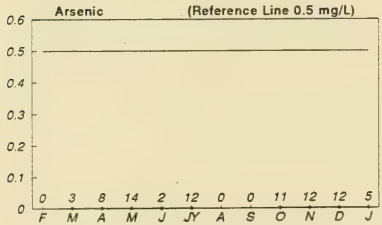
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

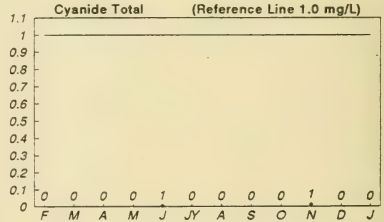


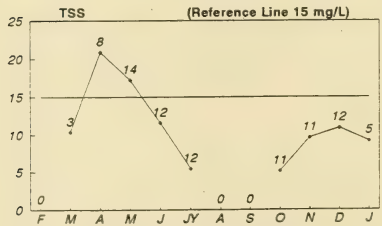


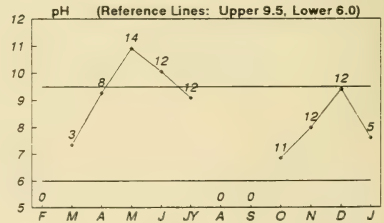












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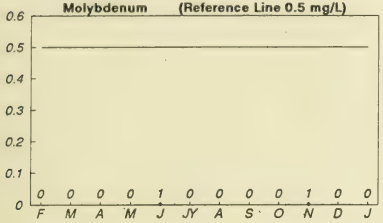
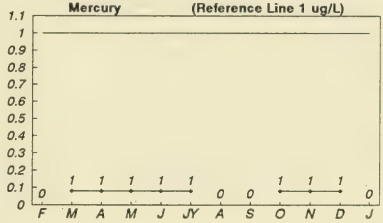
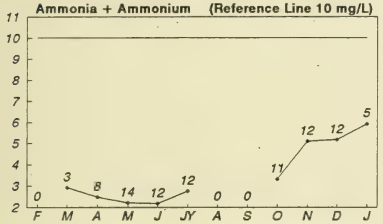
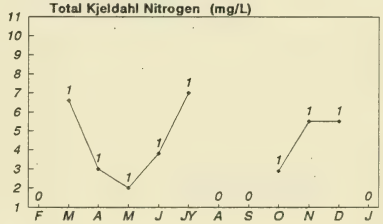
16 – INCO, Whistle Mine
MW 0100 – Minewater Discharge
Monthly Averages

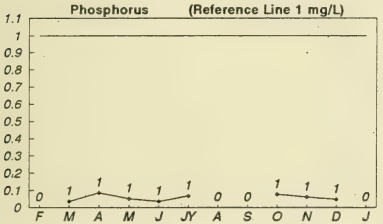
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

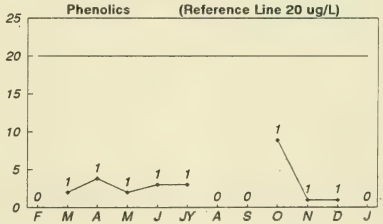


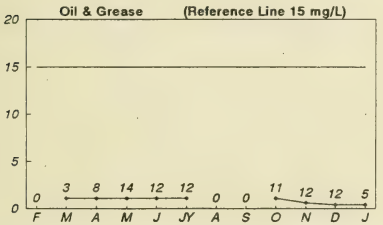


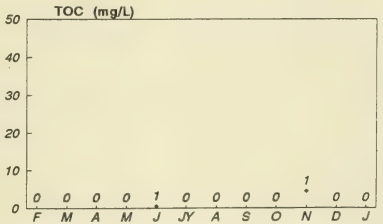








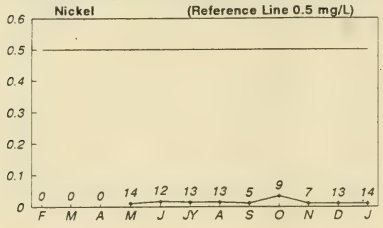


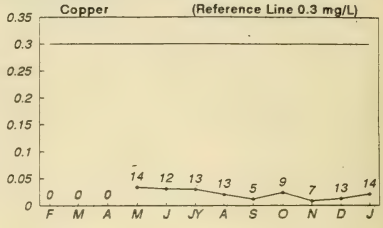


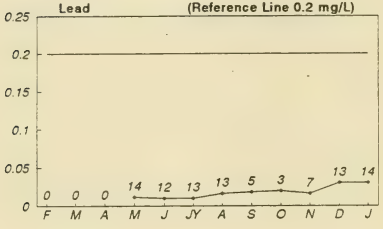
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

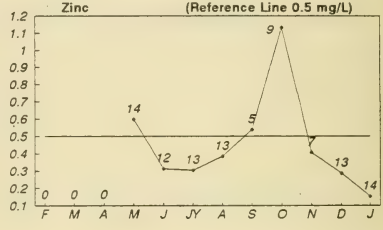
17 – Minnova, Winston Lake Mine
PR 0100 – Final Discharge
Monthly Averages

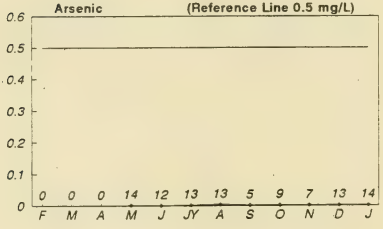
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

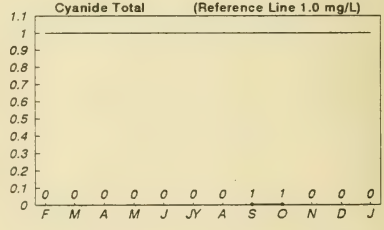


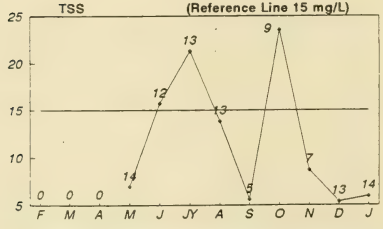


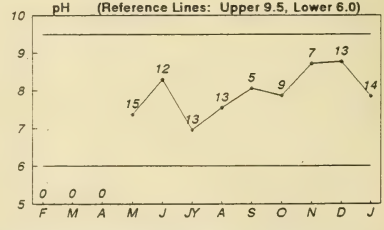








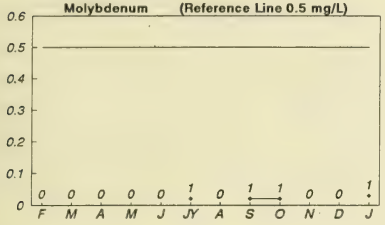


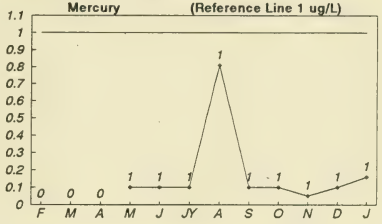


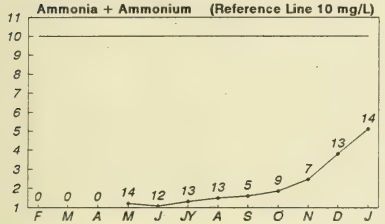
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

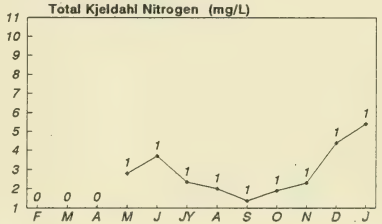
17 – Minnova, Winston Lake Mine
PR 0100 – Final Discharge
Monthly Averages

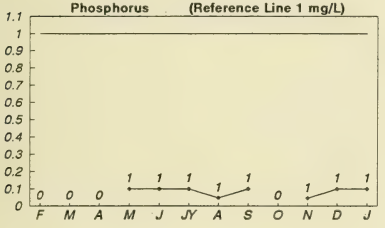
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

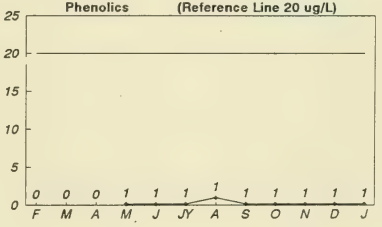


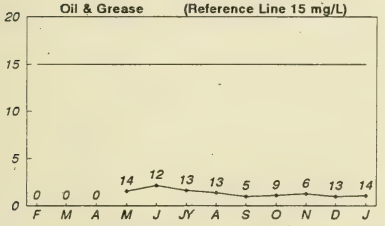


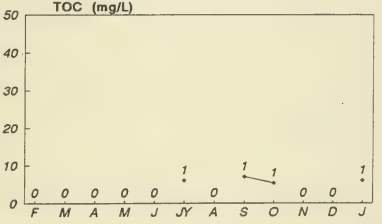








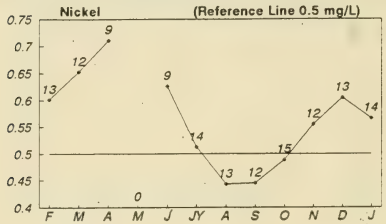


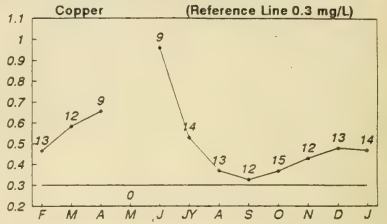


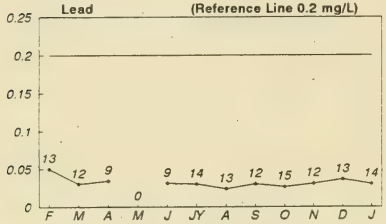
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

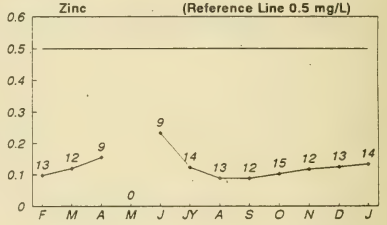
19 – Dickenson, Arthur W. White Mine
PR 0100 – Final Discharge
Monthly Averages

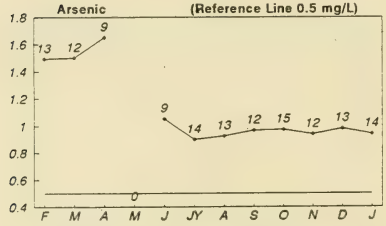
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

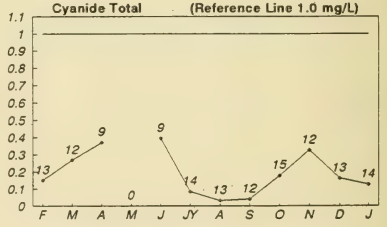


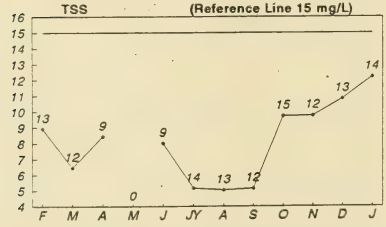


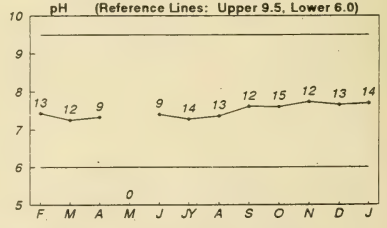








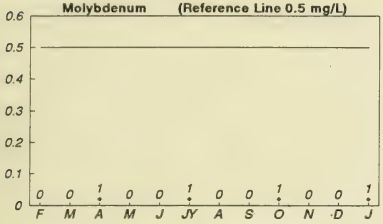


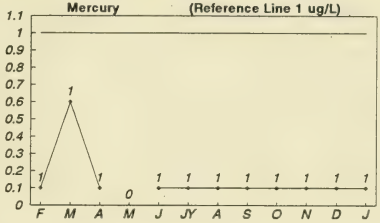


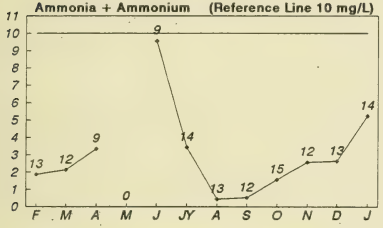
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

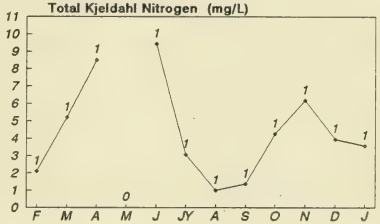
19 – Dickenson, Arthur W. White Mine
PR 0100 – Final Discharge
Monthly Averages

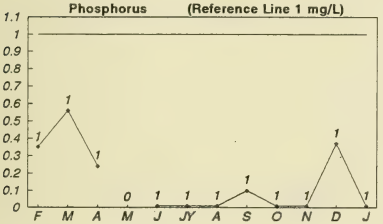
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

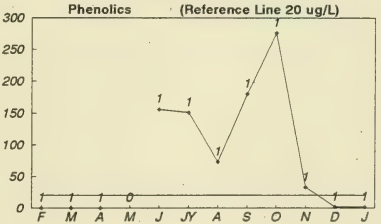


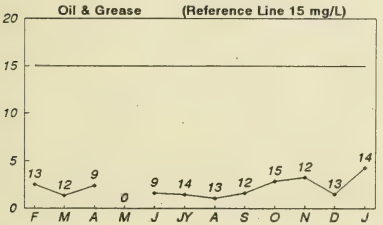


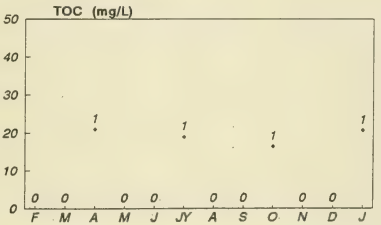








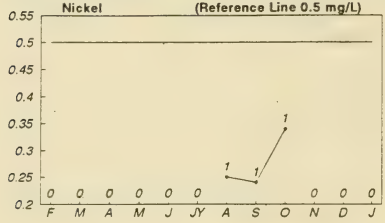


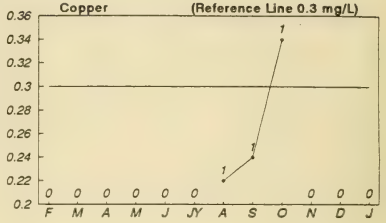


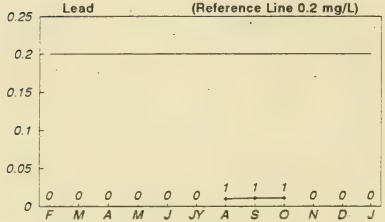
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

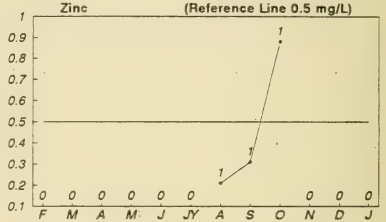
21 – Canamax, Bell Creek Mine
PR 0100 – Final Discharge
Monthly Averages

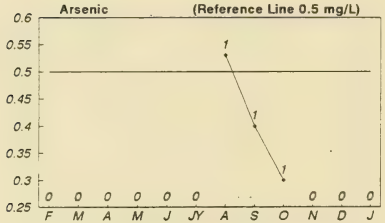
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

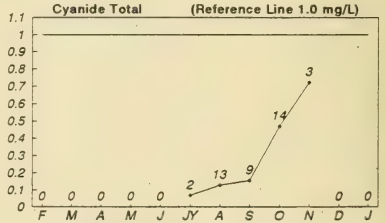


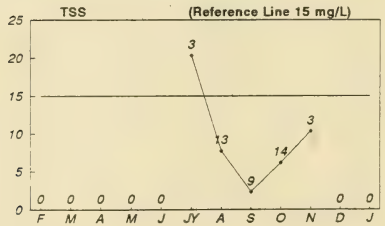


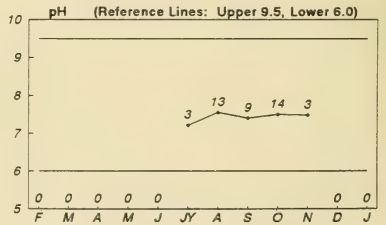








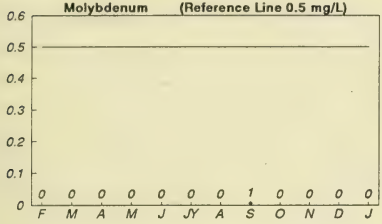


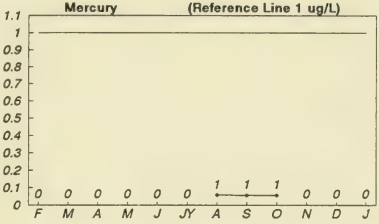


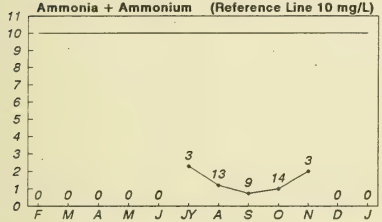
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

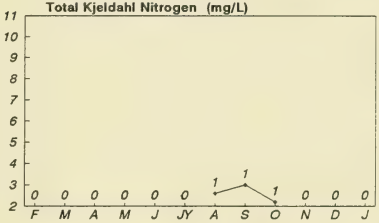
21 – Canamax, Bell Creek Mine
PR 0100 – Final Discharge
Monthly Averages

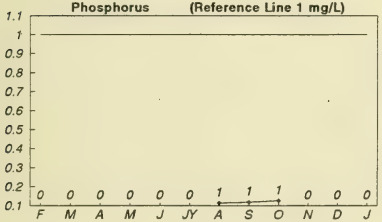
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

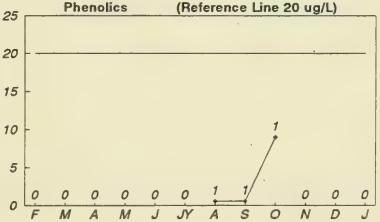


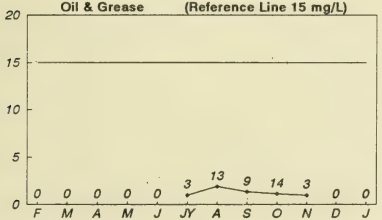


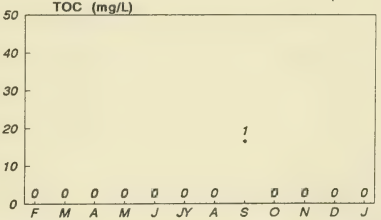








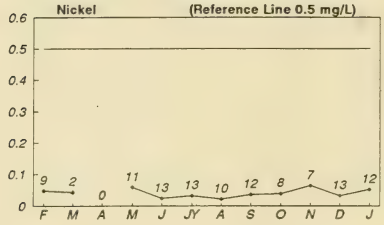


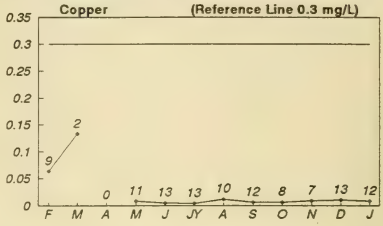


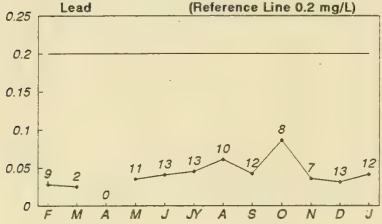
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

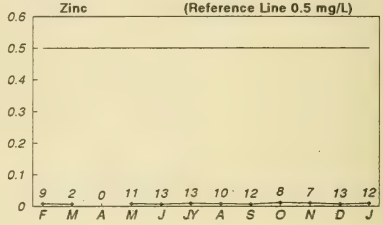
24 – Teck – Corona, David Bell Mine
PR 0100 – Final Discharge
Monthly Averages

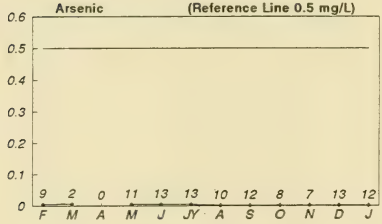
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

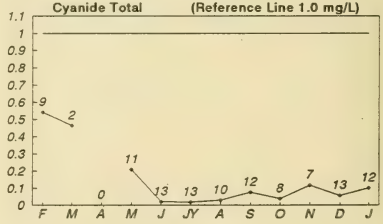


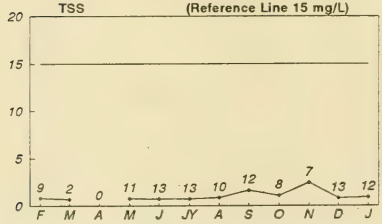


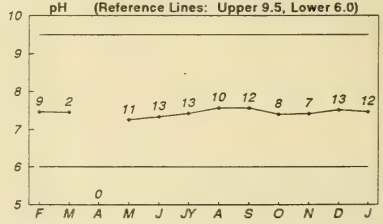








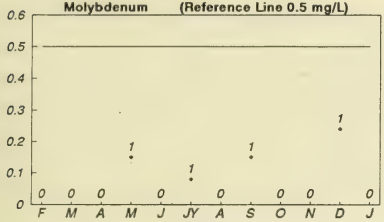


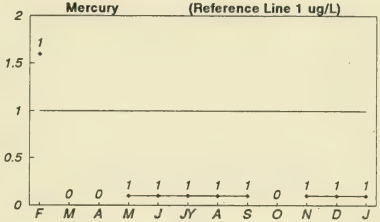


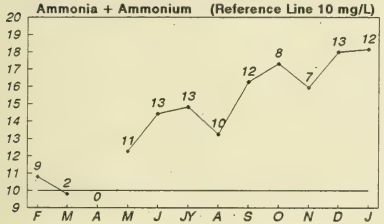
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

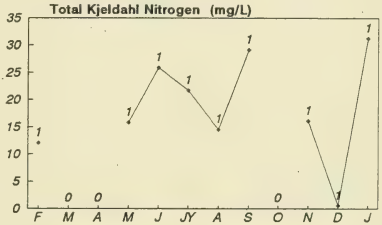
24 – Teck – Corona, David Bell Mine
PR 0100 – Final Discharge
Monthly Averages

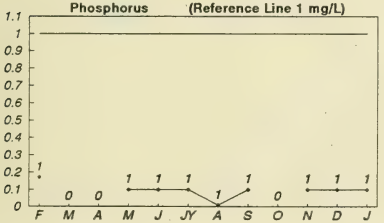
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

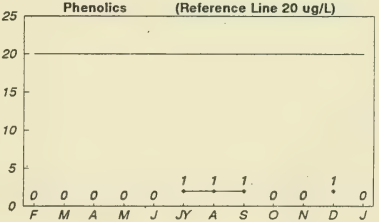


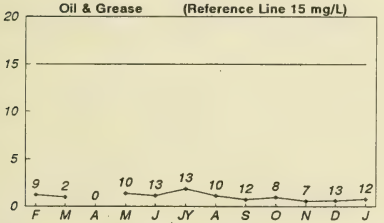


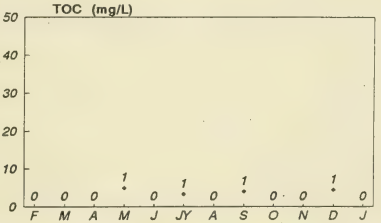








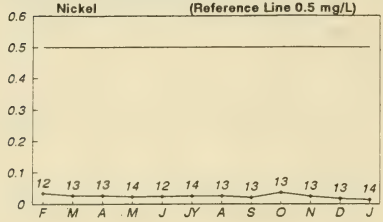


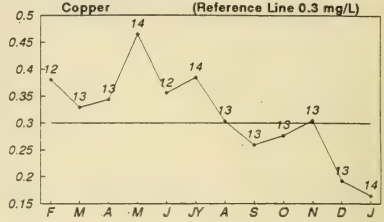


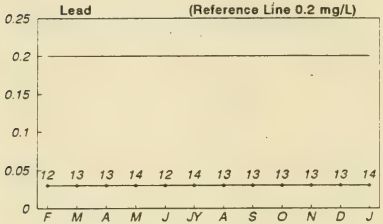
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

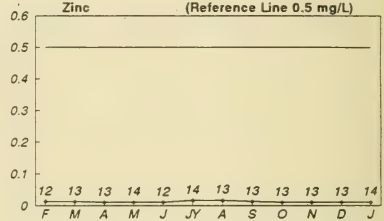
25 – Placer Dome, Detour Lake Mine
PR 0100 – Final Discharge
Monthly Averages

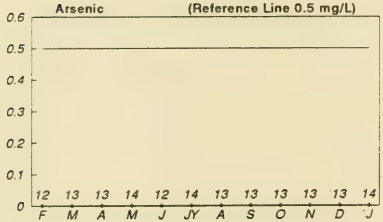
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

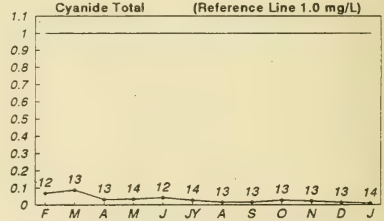


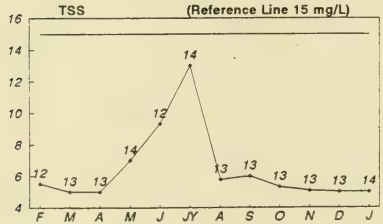


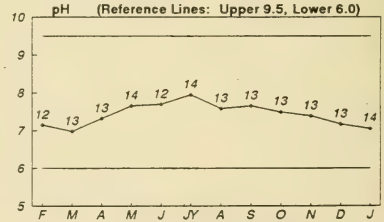








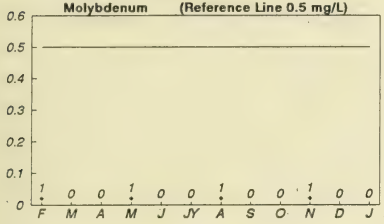


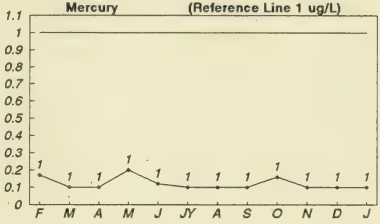


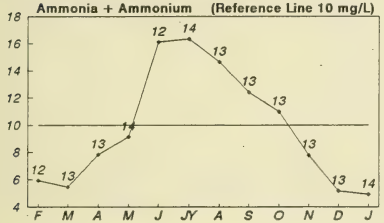
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

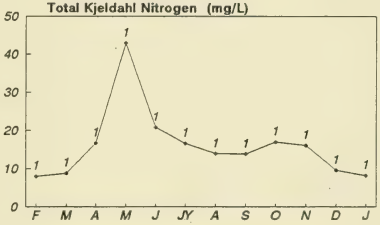
25 – Placer Dome, Detour Lake Mine
PR 0100 – Final Discharge
Monthly Averages

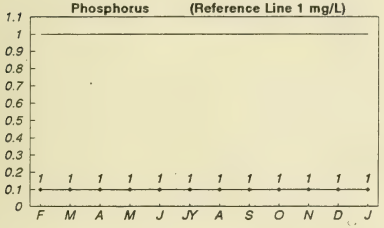
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

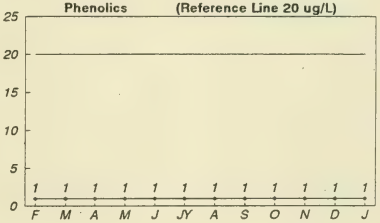


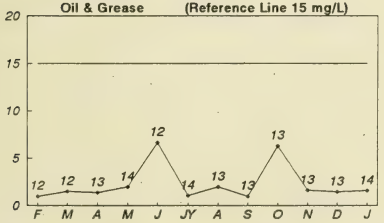


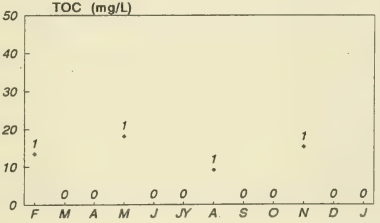








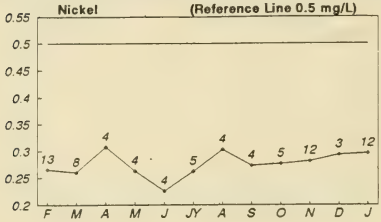


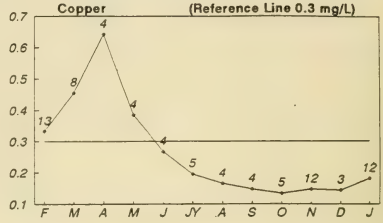


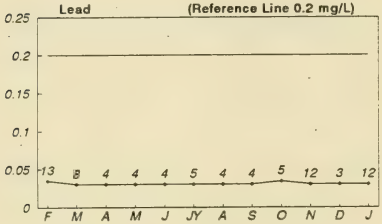
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

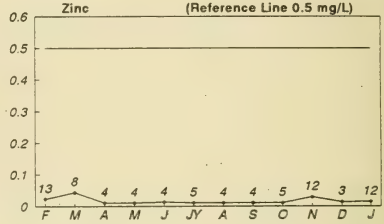
26 – Placer Dome, Dome Mine
PR 0100 – Final Discharge
Monthly Averages

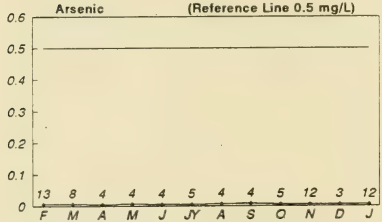
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

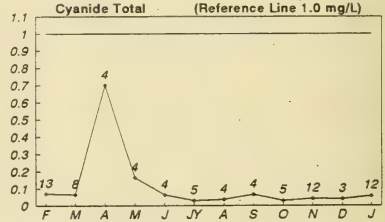


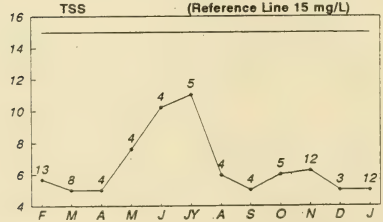


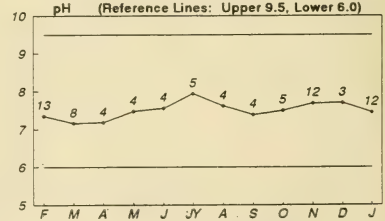








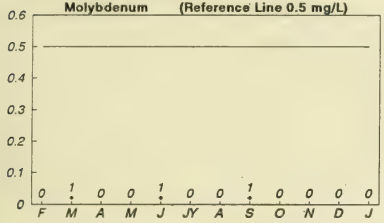


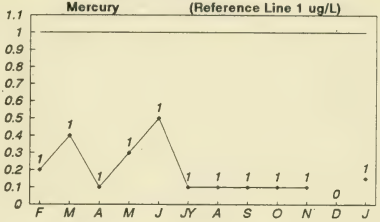


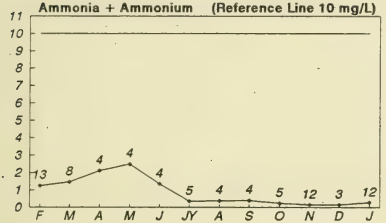
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

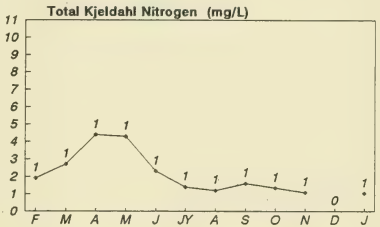
26 – Placer Dome, Dome Mine
PR 0100 – Final Discharge
Monthly Averages

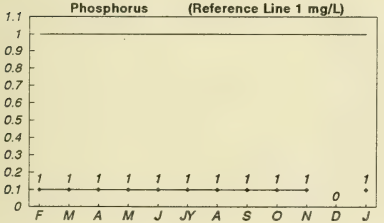
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

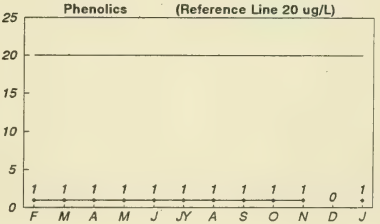


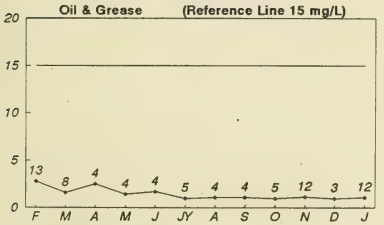


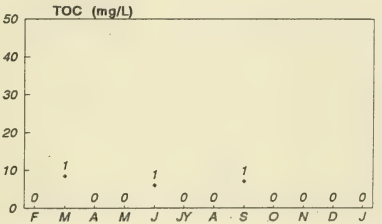








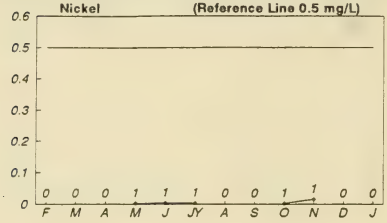


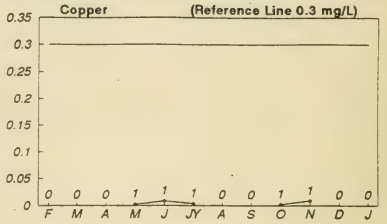


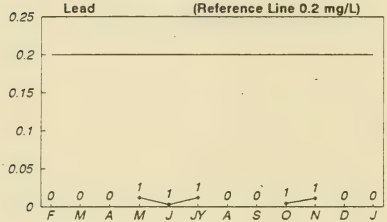
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

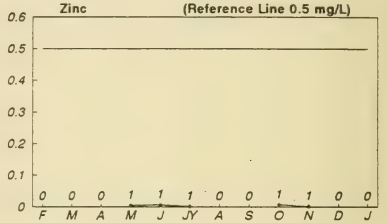
27 – Placer Dome, Dona Lake Mine
PR 0100 – Final Discharge
Monthly Averages

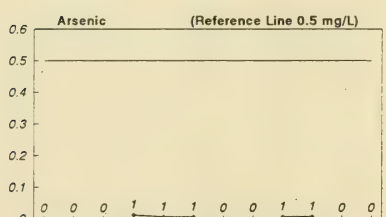
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

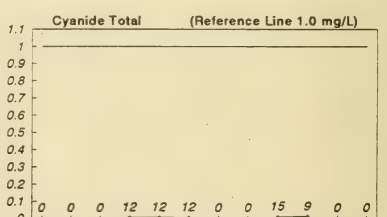


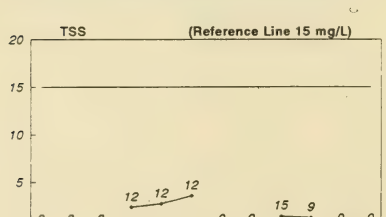


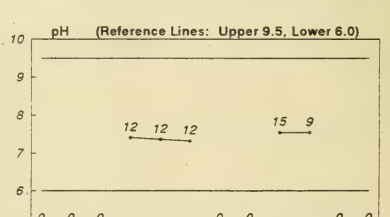








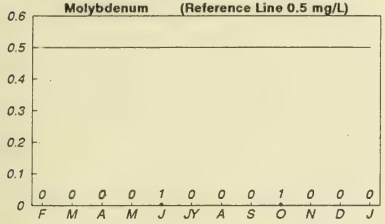


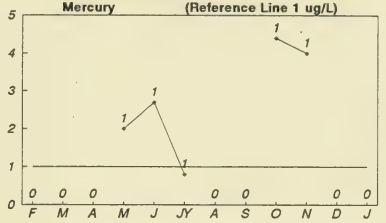


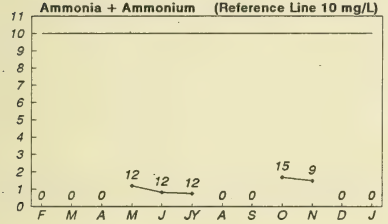
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

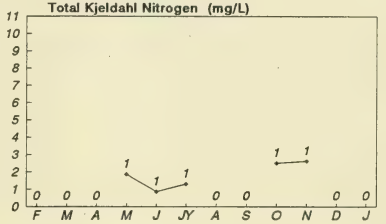
27 – Placer Dome, Dona Lake Mine
PR 0100 – Final Discharge
Monthly Averages

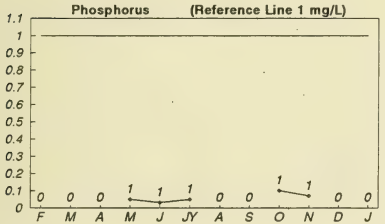
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

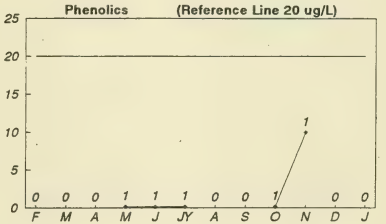


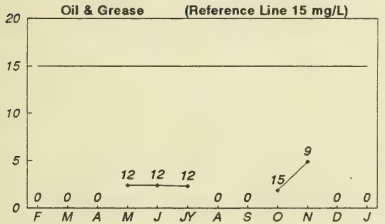


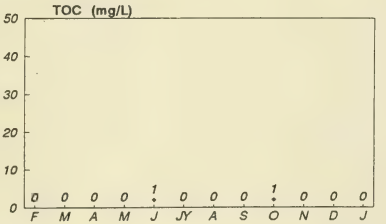








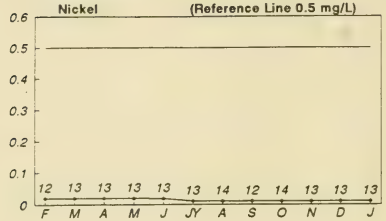


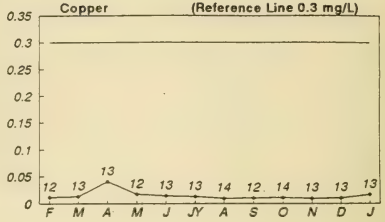


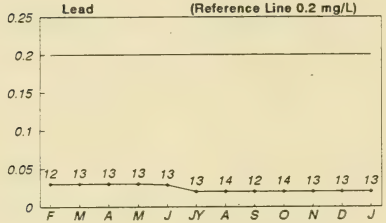
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

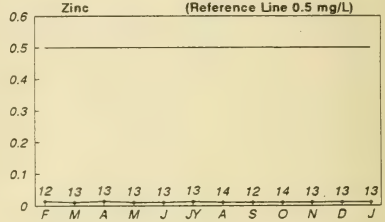
28 – Eastmaque Gold Mines
PR 0100 – Final Discharge
Monthly Averages

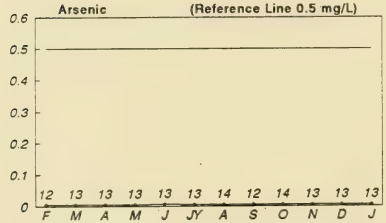
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

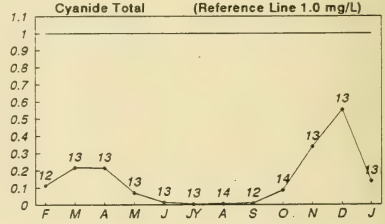


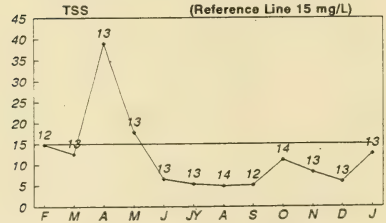


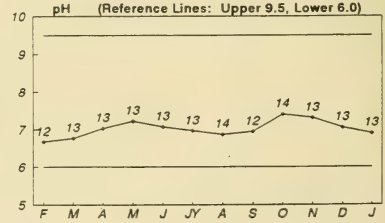








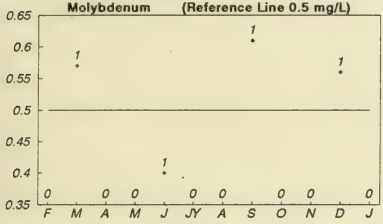


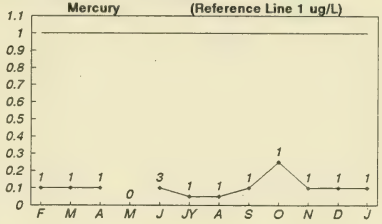


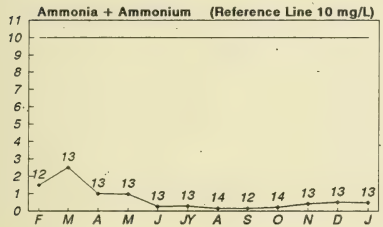
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

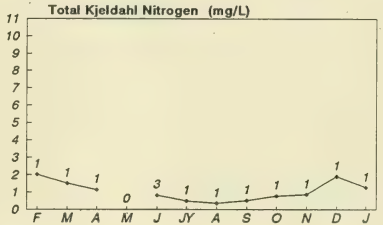
28 – Eastmaque Gold Mines
PR 0100 – Final Discharge
Monthly Averages

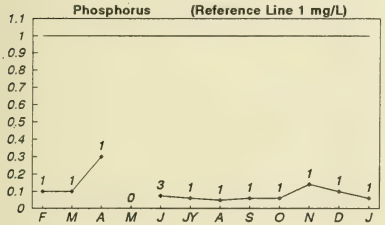
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

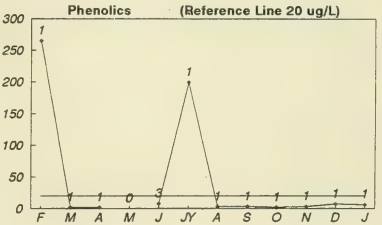


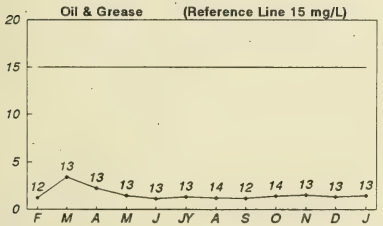


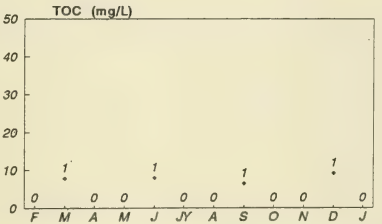








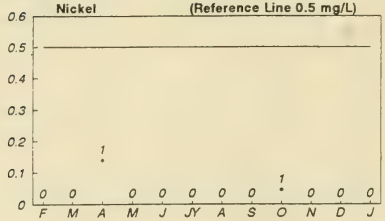


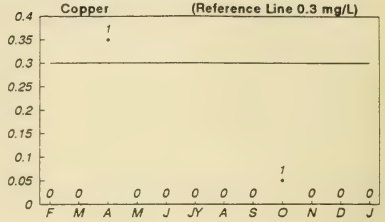


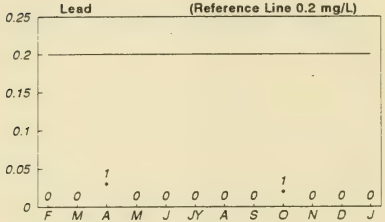
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

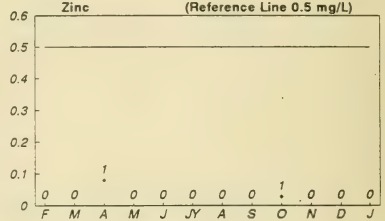
29 – Giant Yellowknife, ERG Res.
PR 0100 – Final Discharge
Monthly Averages

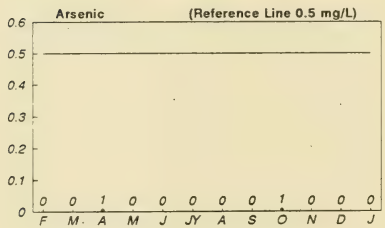
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

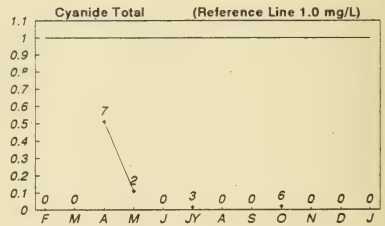


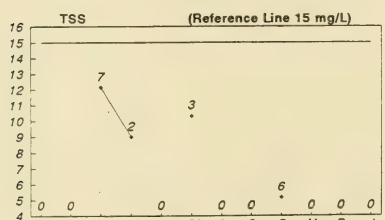


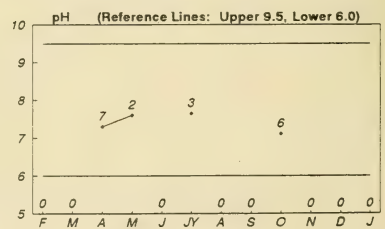








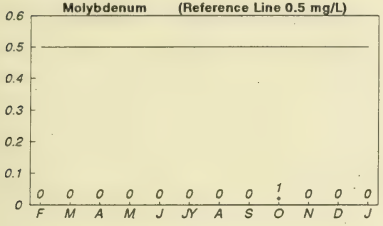


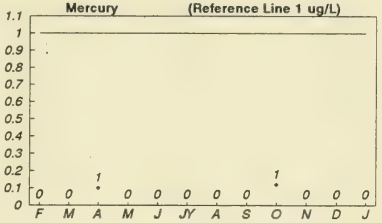


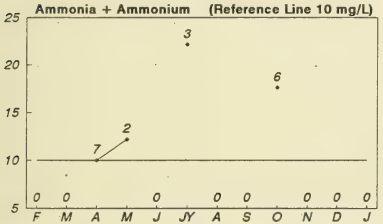
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

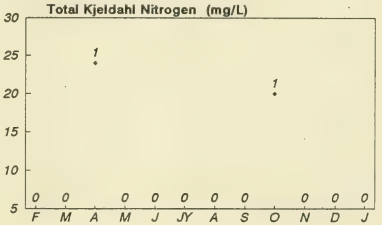
29 – Giant Yellowknife, ERG Res.
PR 0100 – Final Discharge
Monthly Averages

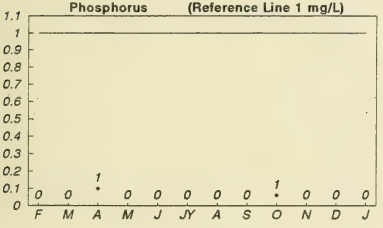
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

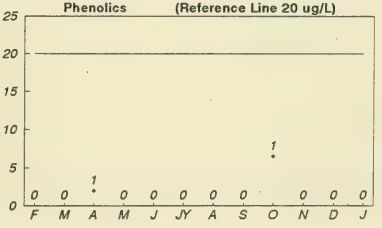


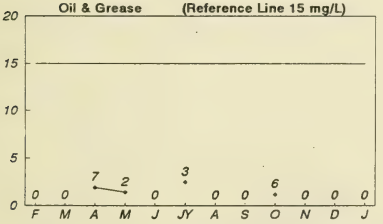


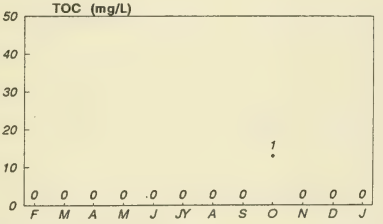








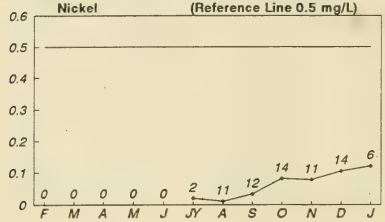


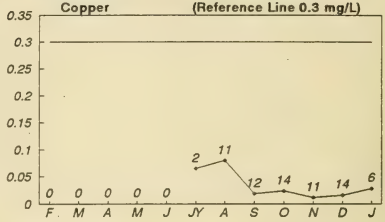


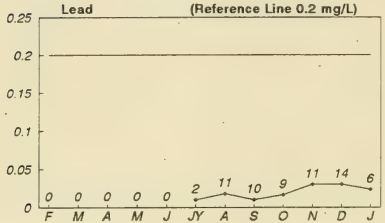
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

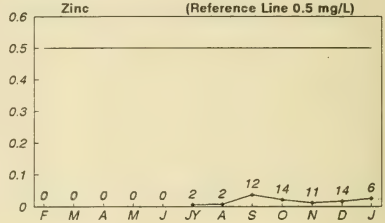
30 – Hemlo Gold Mines, Golden Giant
PR 0100 – Final Discharge
Monthly Averages

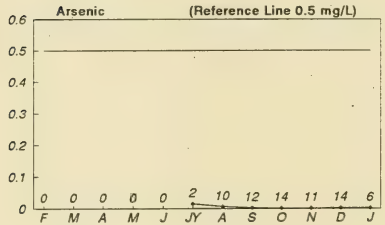
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

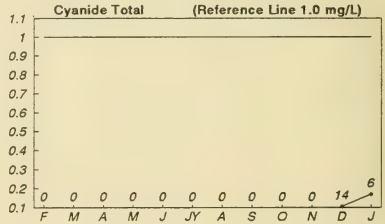


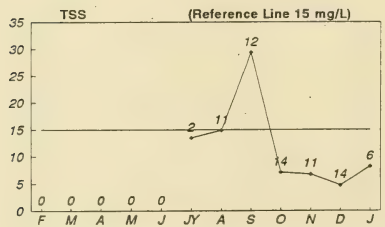


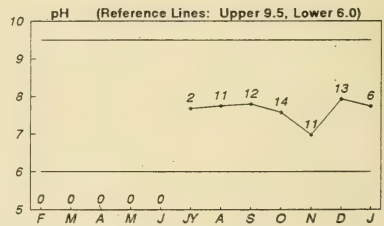








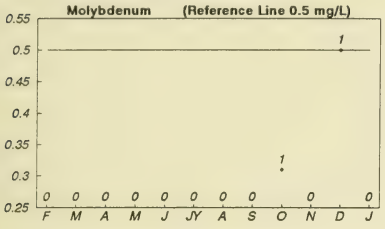


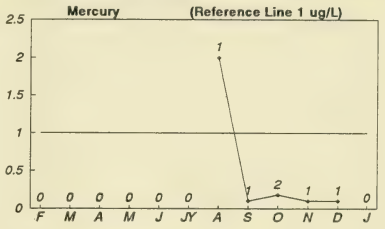


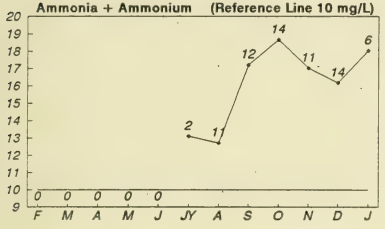
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

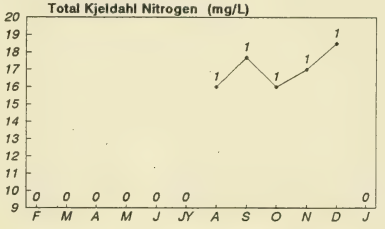
30 – Hemlo Gold Mines, Golden Giant
PR 0100 – Final Discharge
Monthly Averages

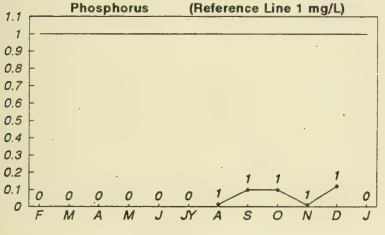
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

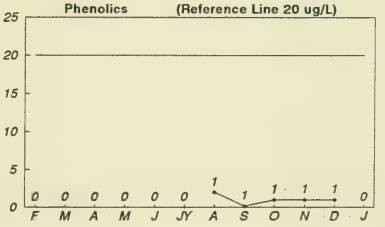


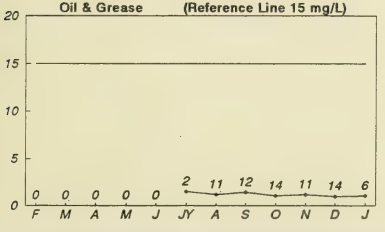


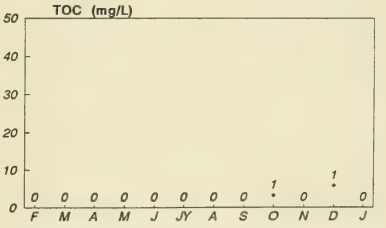








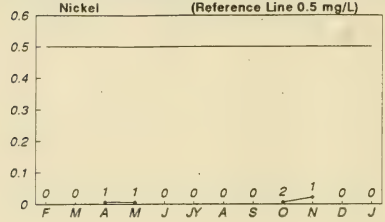


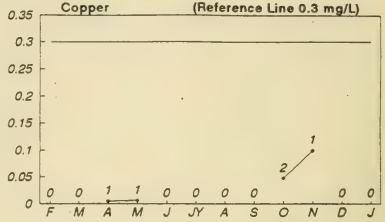


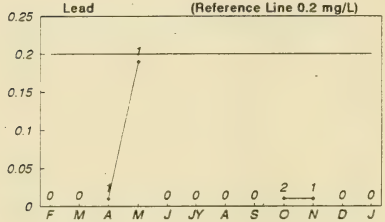
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

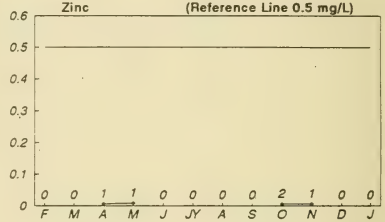
31 – Canamax, Kremzar Mine
PR 0100 – Effluent from SE Clearwater
Monthly Averages

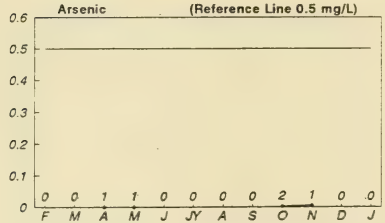
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

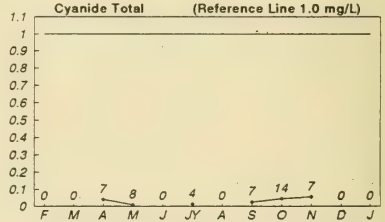


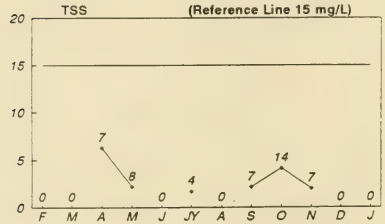


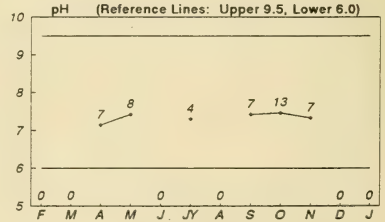








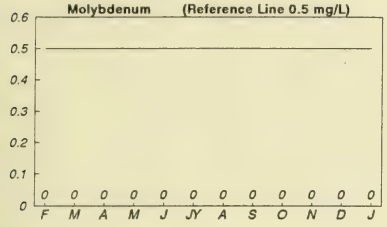


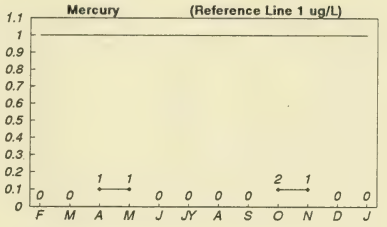


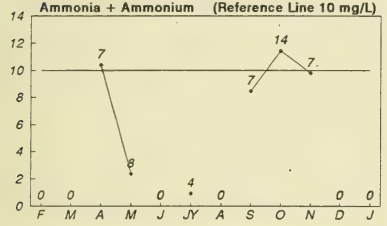
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

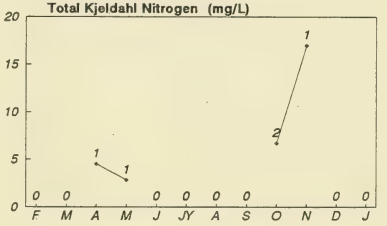
31 – Canamax, Kremzar Mine
PR 0100 – Effluent from SE Clearwater
Monthly Averages

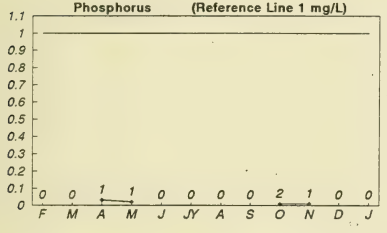
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

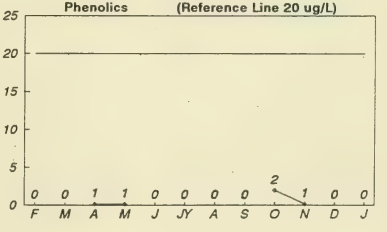


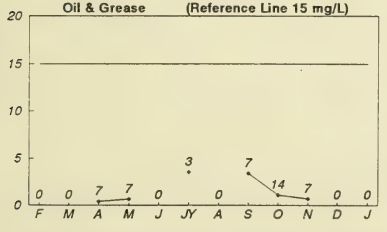


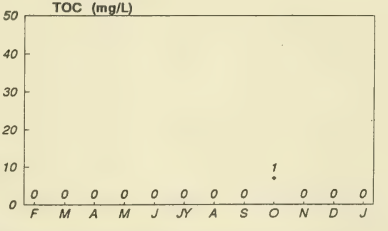








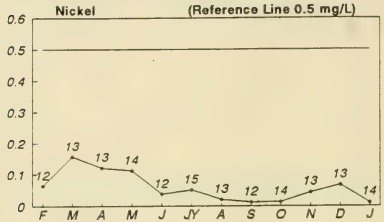


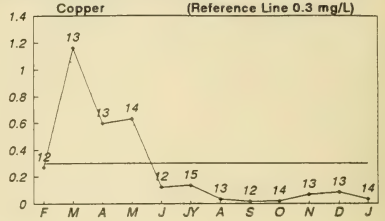


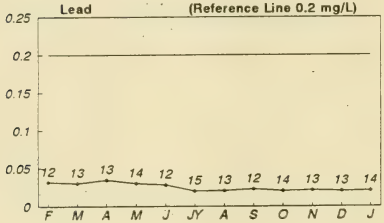
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

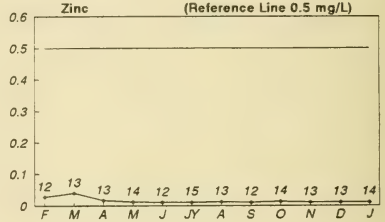
32 – LAC Minerals, Macassa Division
PR 0100 – Final Discharge
Monthly Averages

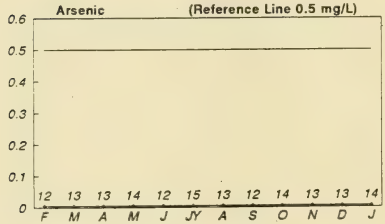
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

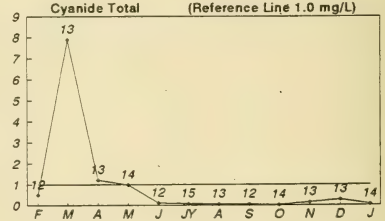


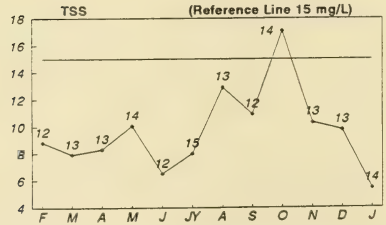


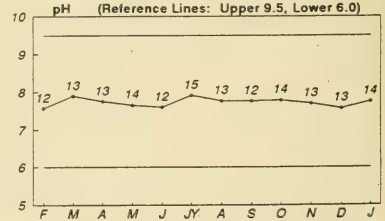












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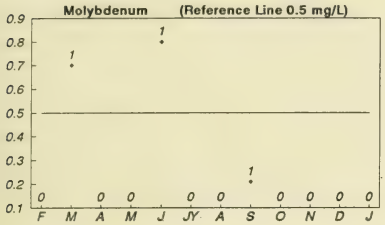
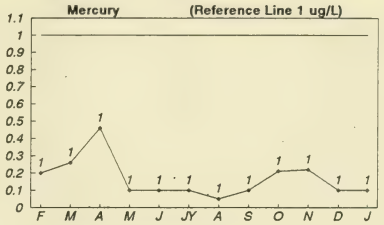
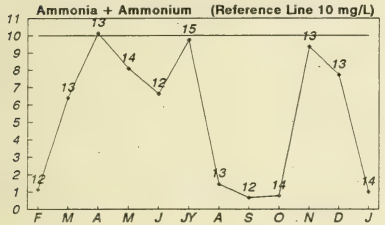
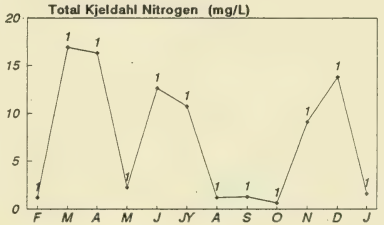
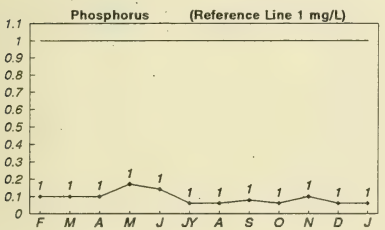
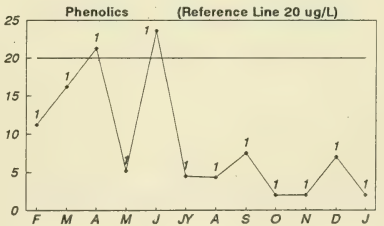


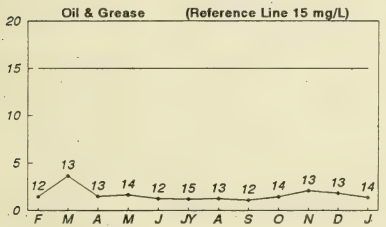


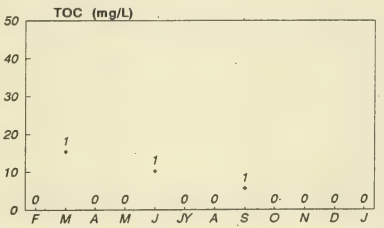








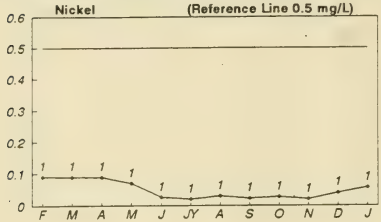


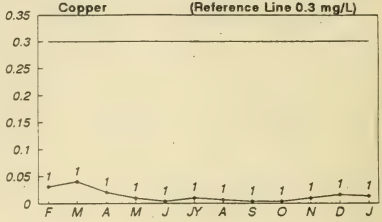


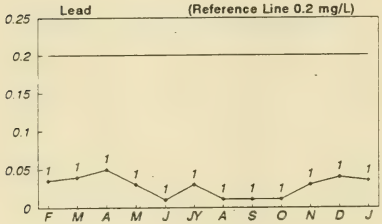
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

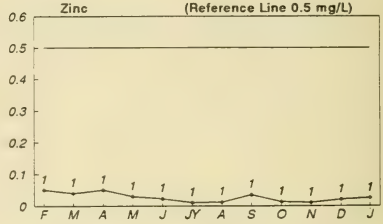
35 – Canamax, Marhill Mine
MW 0100 – Minewater
Monthly Averages

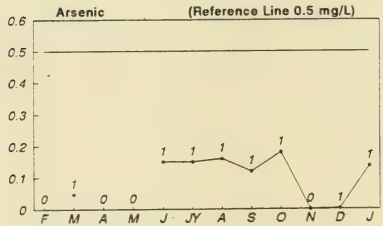
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

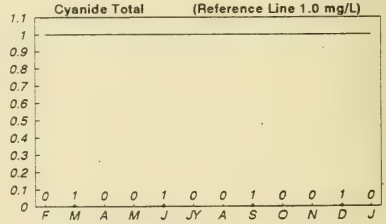


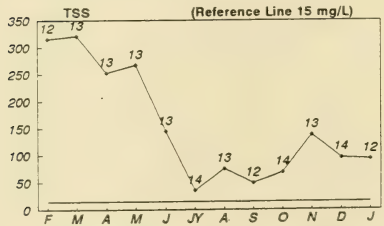


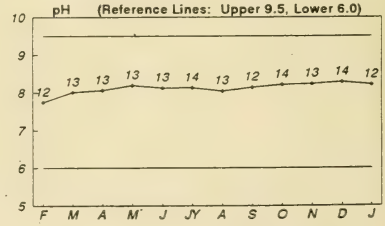












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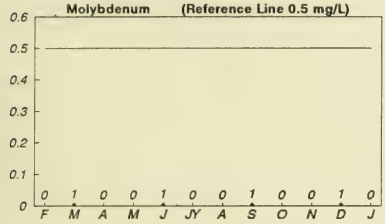
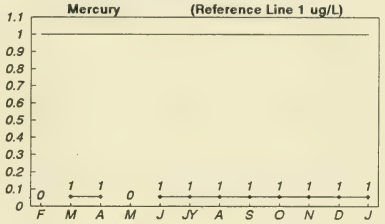
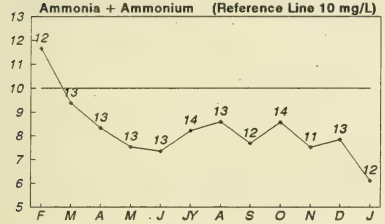
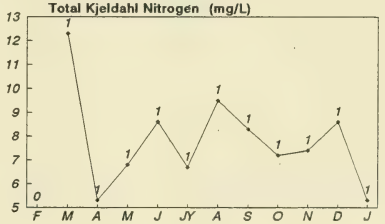
35 – Canamax, Marhill Mine
MW 0100 – Minewater
Monthly Averages

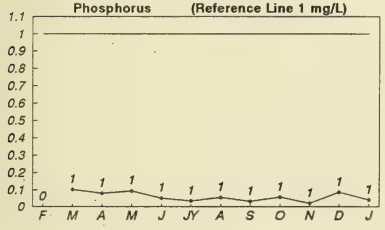
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

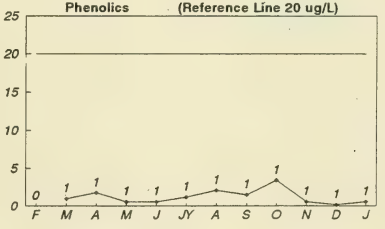


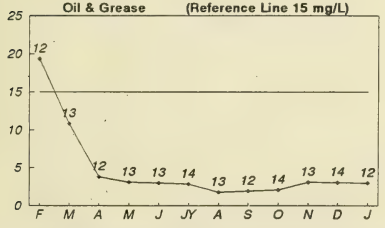


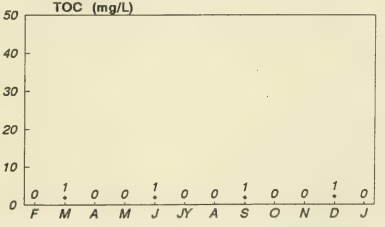








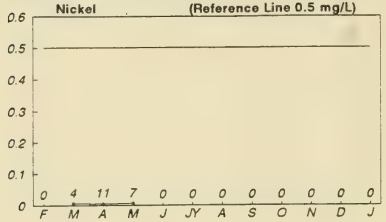


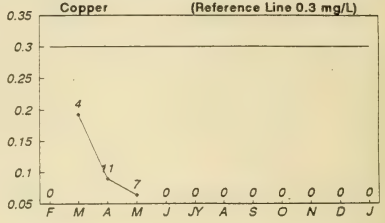


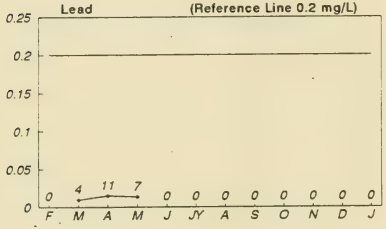
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

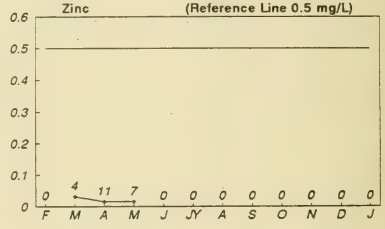
36 – American Barrick, McDermott
PR 0100 – Final Discharge
Monthly Averages

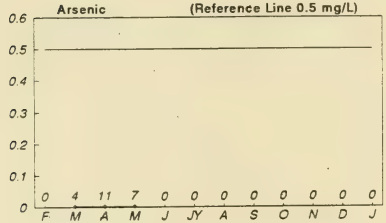
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

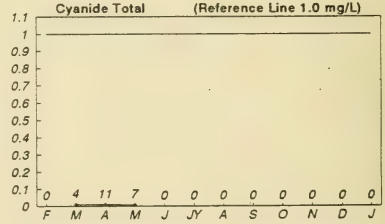


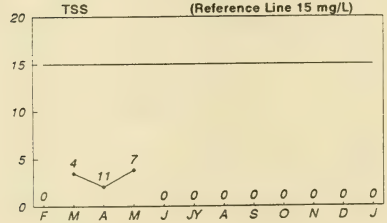


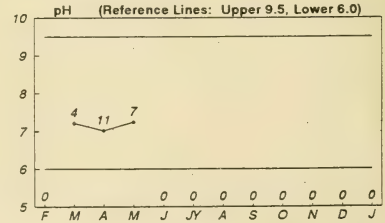












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MISA METAL MINING SECTOR
12 Month Monitoring Data
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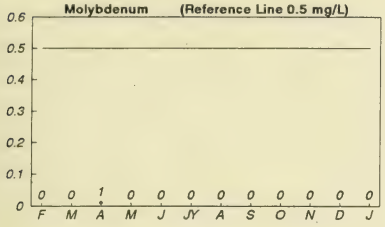

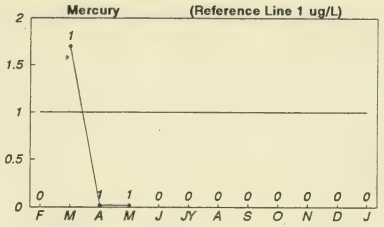

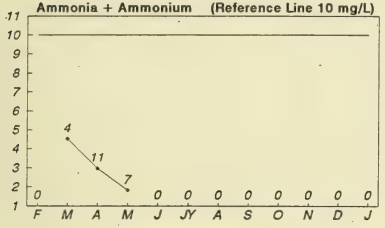

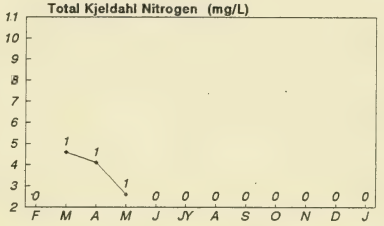

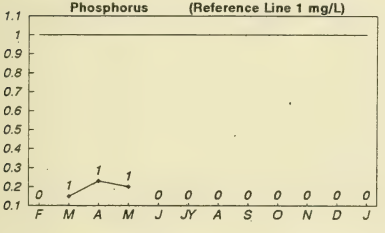

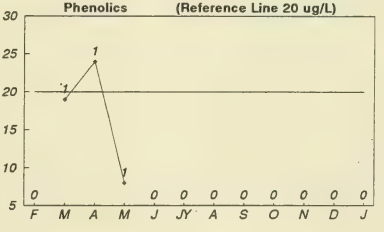

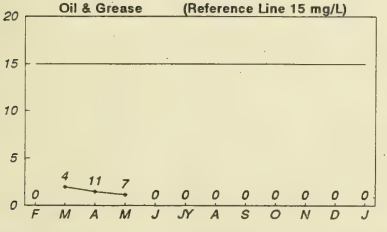

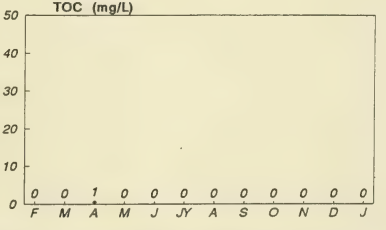

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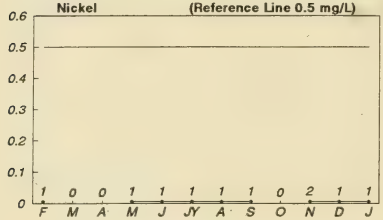
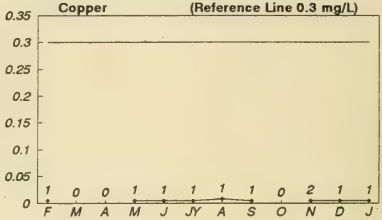
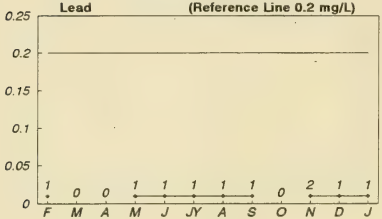
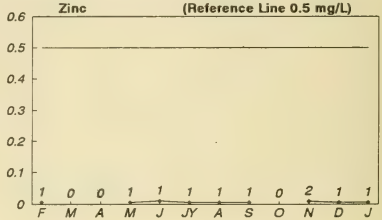
37 – Bond Gold, Muskegsagagen Lake
PR 0100 – Final Discharge
Monthly Averages

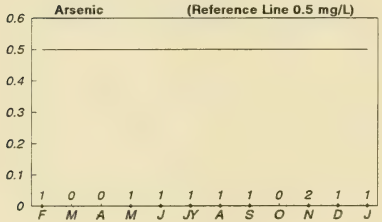
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

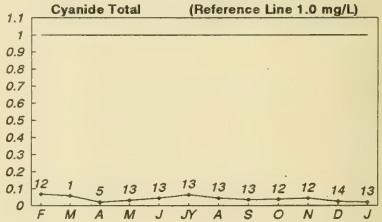


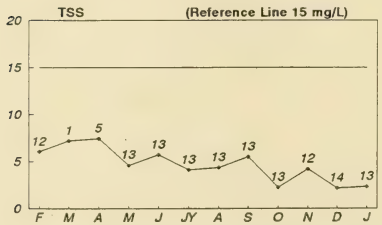


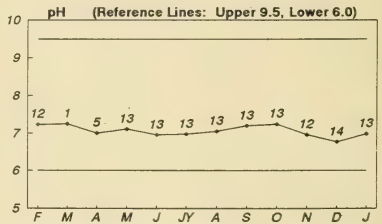












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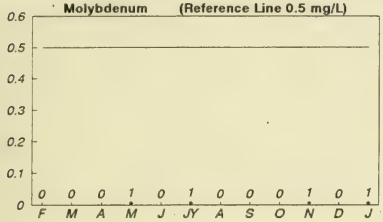
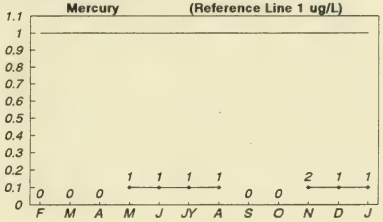
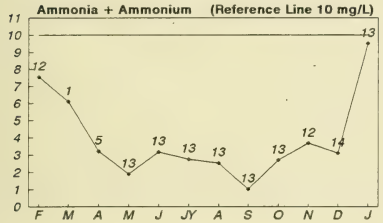
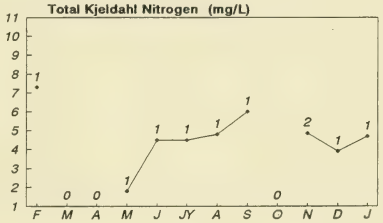
37 – Bond Gold, Muskegsagagen Lake
PR 0100 – Final Discharge
Monthly Averages

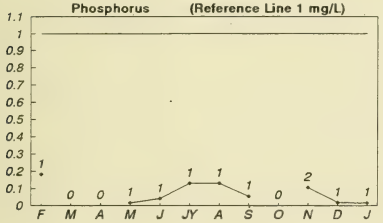
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

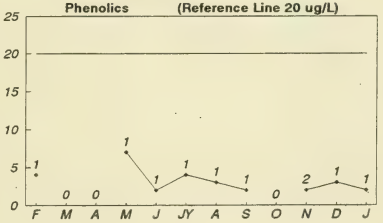


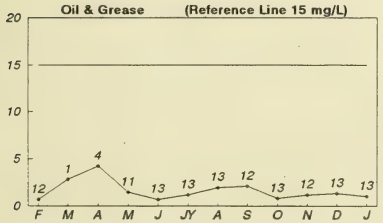


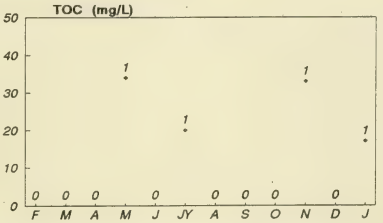












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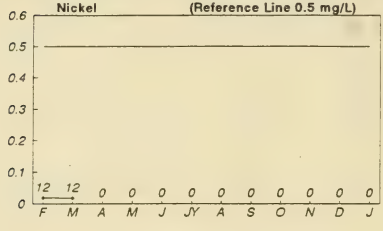
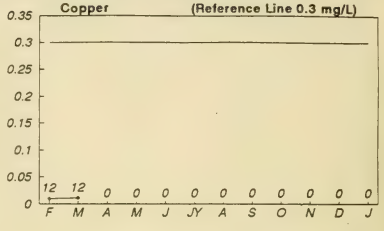
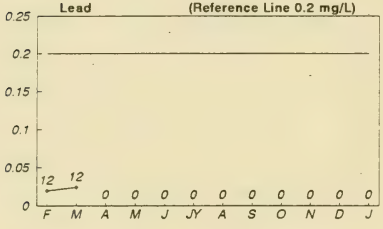
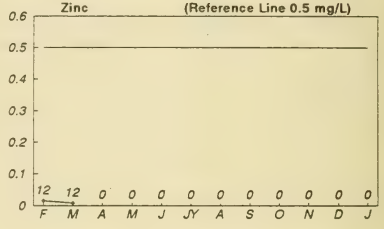
38 – LAC Minerals, Williams Mine
MW 0100 – Minewater
Monthly Averages

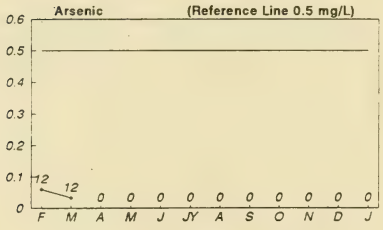
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

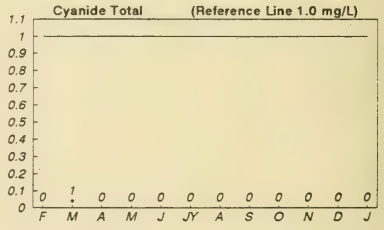


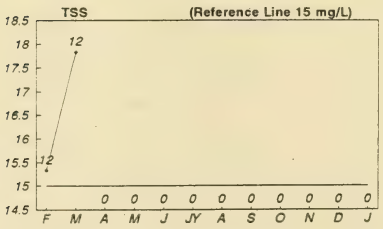


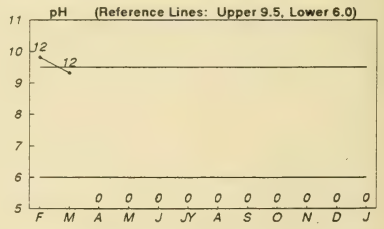












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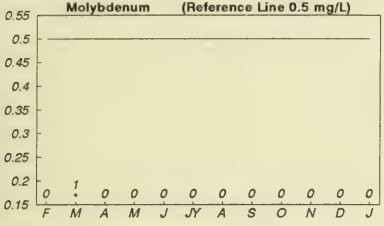
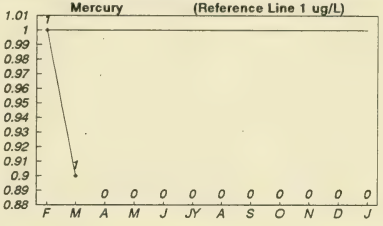
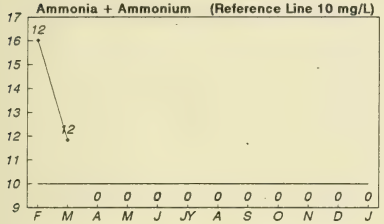
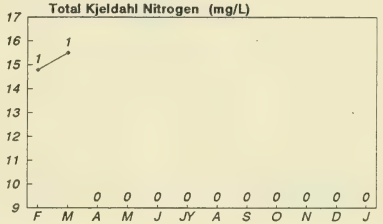
MW 0100 – Minewater
Monthly Averages

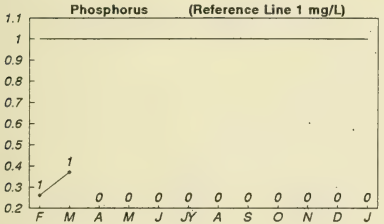
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

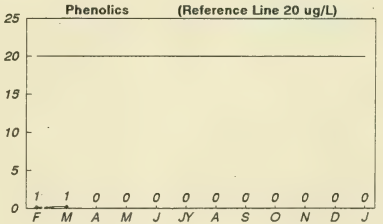


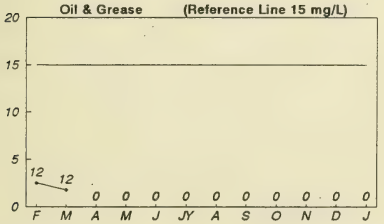


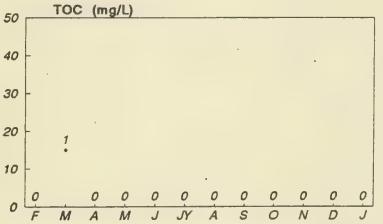








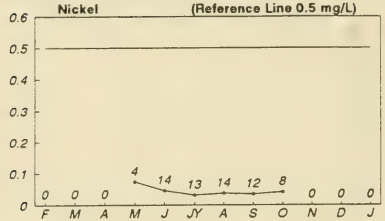


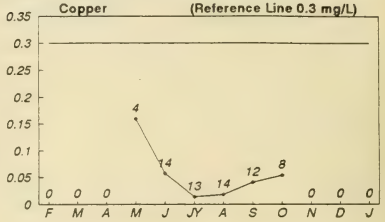


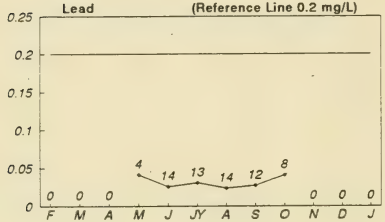
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

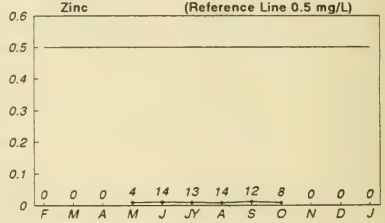
38 – LAC Minerals, Williams Mine
PR 0200 – Final Discharge
Monthly Averages

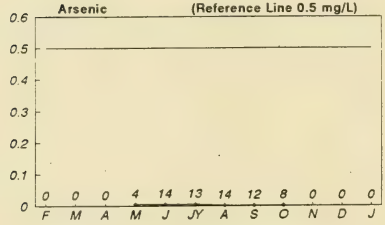
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

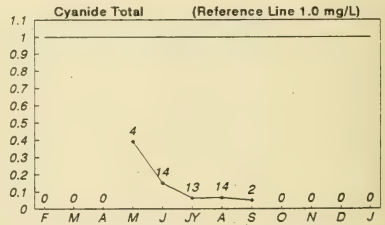


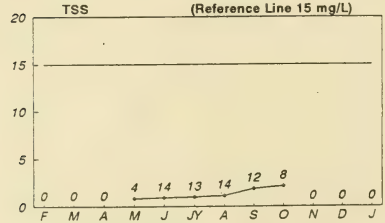


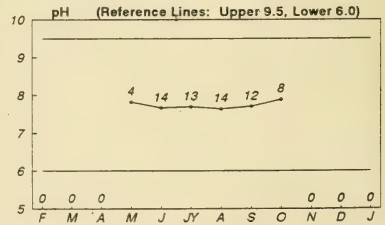








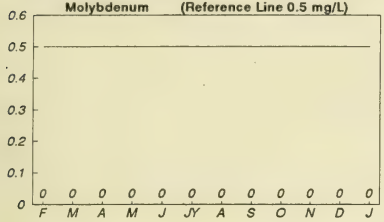


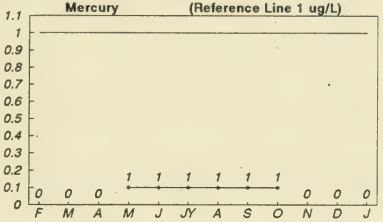


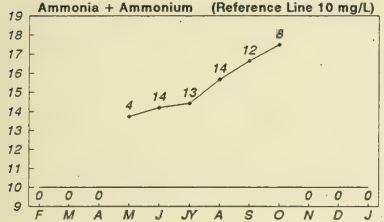
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

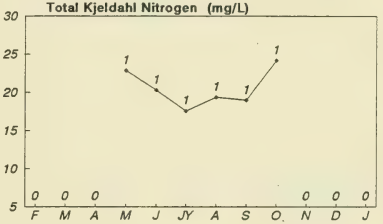
38 – LAC Minerals, Williams Mine
PR 0200 – Final Discharge
Monthly Averages

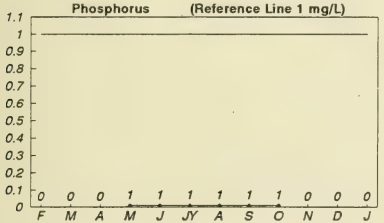
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

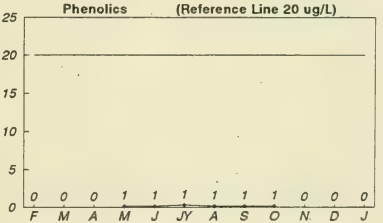


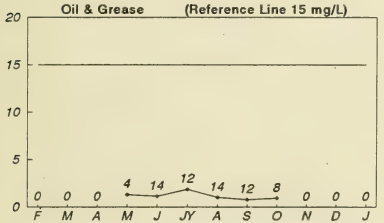


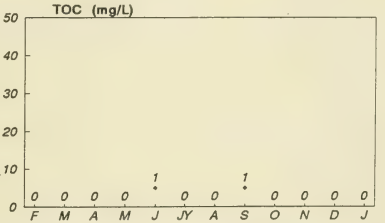








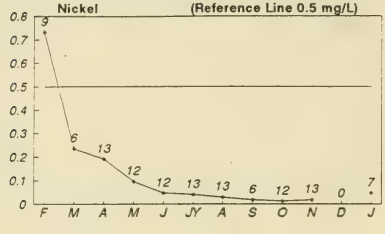


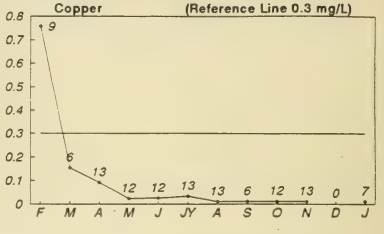


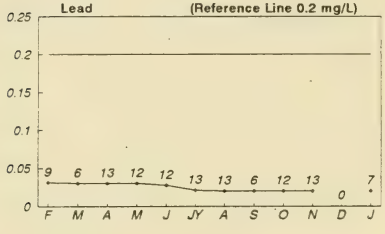
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

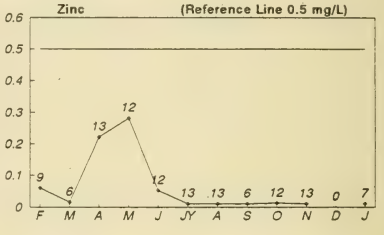
39 – Giant Yellowknife, Pamour #1
PR 0100 – Decant Weir #2
Monthly Averages

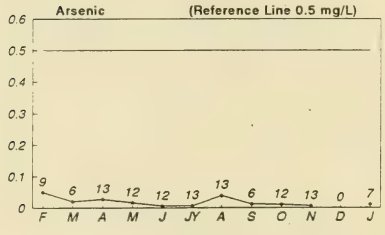
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

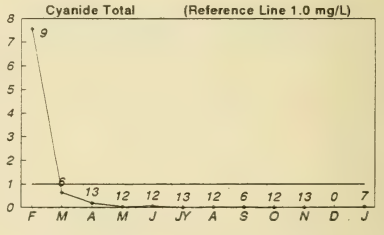


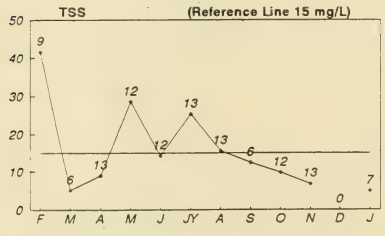


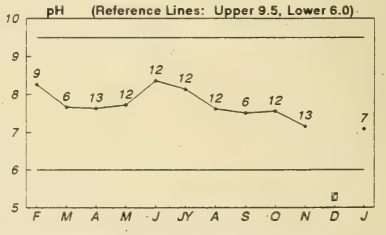








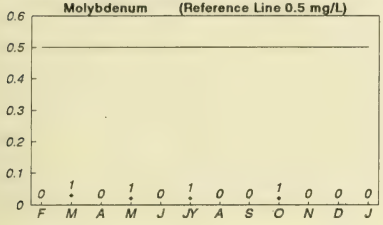


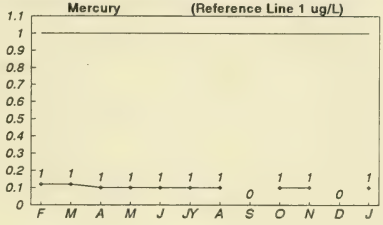


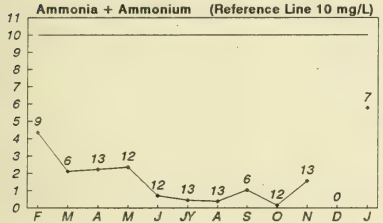
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

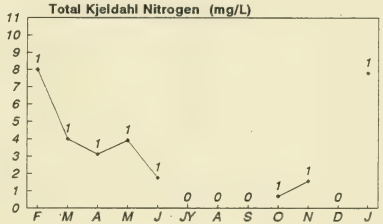
39 – Giant Yellowknife, Pamour #1
PR 0100 – Decant Weir #2
Monthly Averages

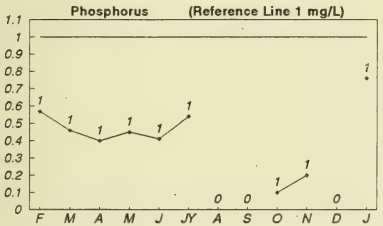
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

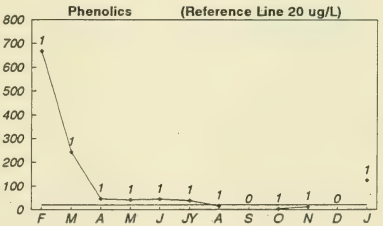


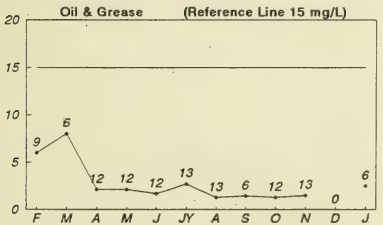


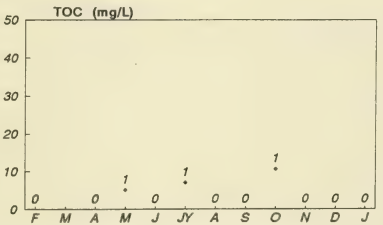








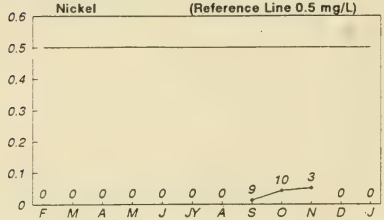


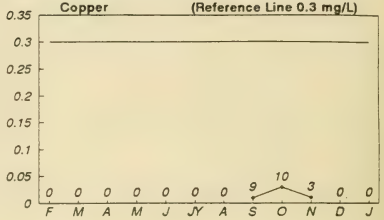


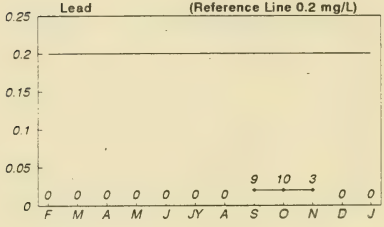
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

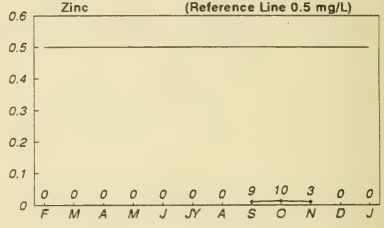
39 – Giant Yellowknife, Pamour #1
PR 0200 – Decant Weir #1A
Monthly Averages

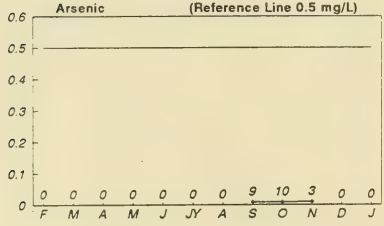
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

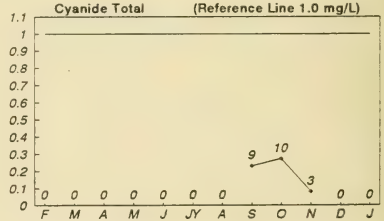


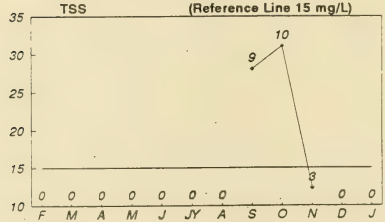


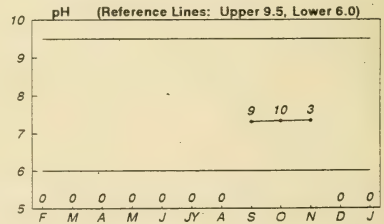








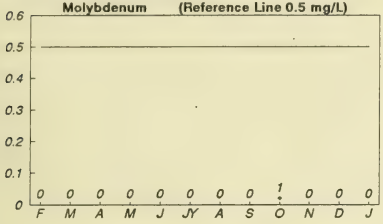


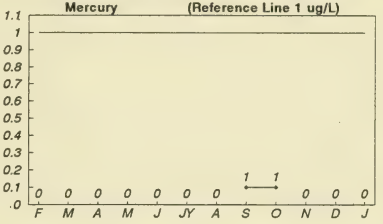


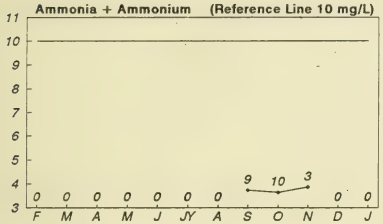
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

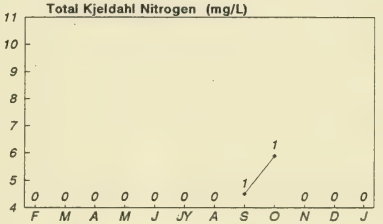
39 – Giant Yellowknife, Pamour #1
PR 0200 – Decant Weir #1A
Monthly Averages

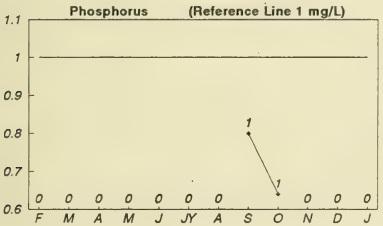
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

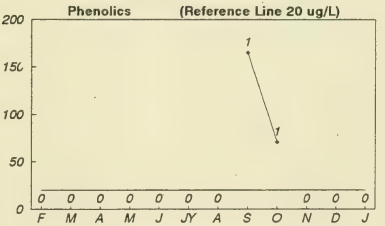


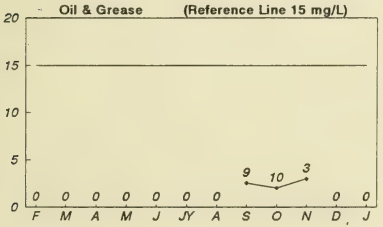


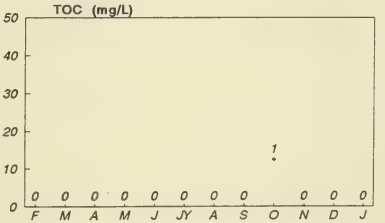








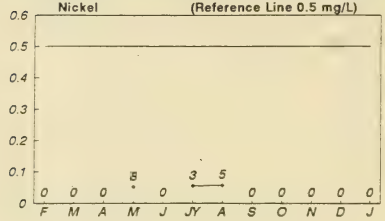


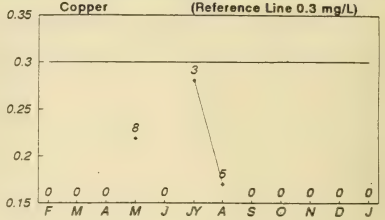


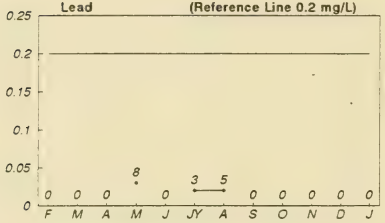
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

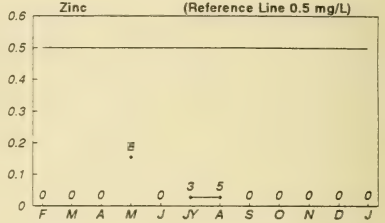
40 – Giant Yellowknife, P–S
MW 0100 – Final Discharge
Monthly Averages

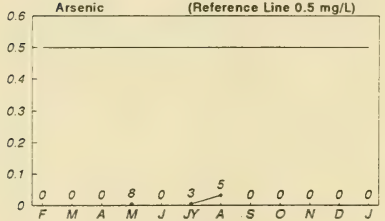
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

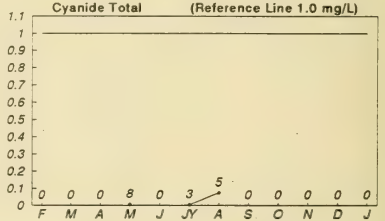


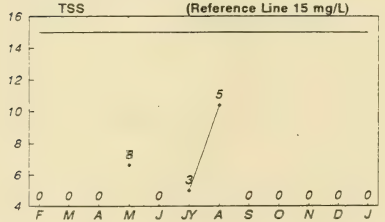


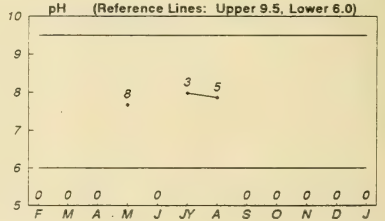








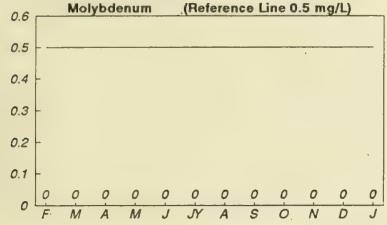


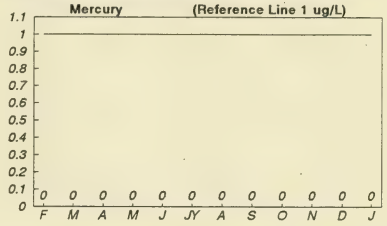


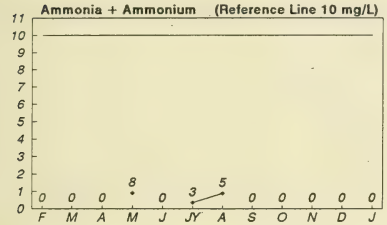
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

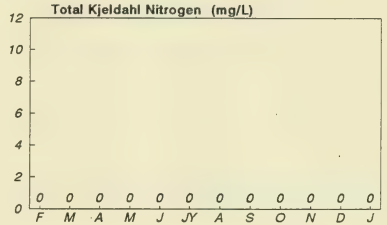
40 – Giant Yellowknife, P–S
MW 0100 – Final Discharge
Monthly Averages

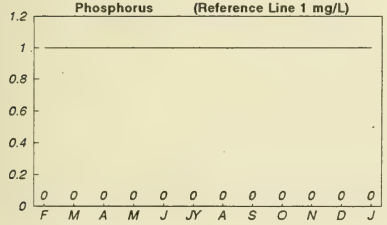
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

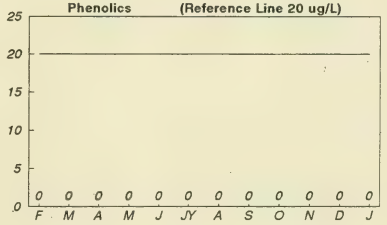


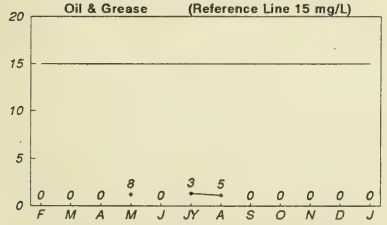


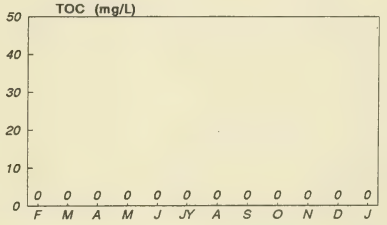








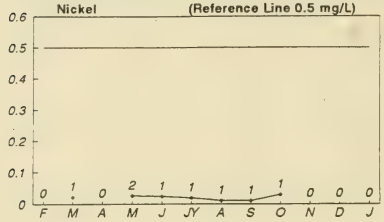


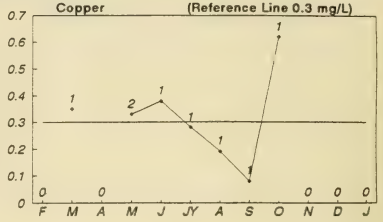


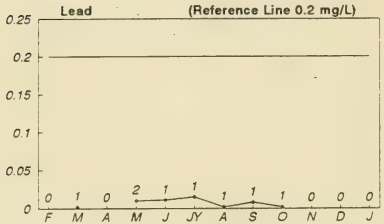
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

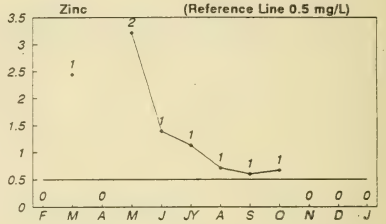
42 – Renabie Gold Mines
PR 0100 – Final Discharge
Monthly Averages

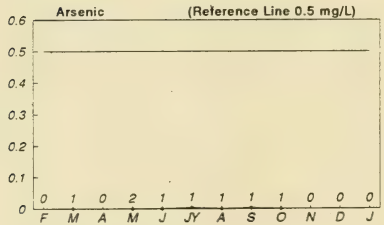
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

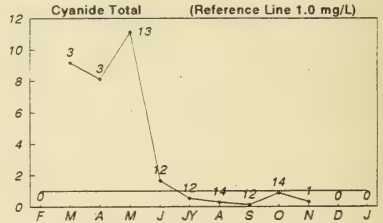


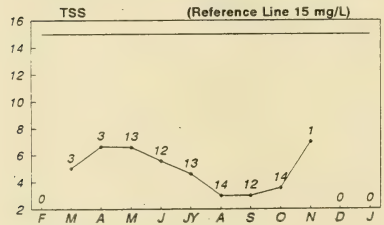


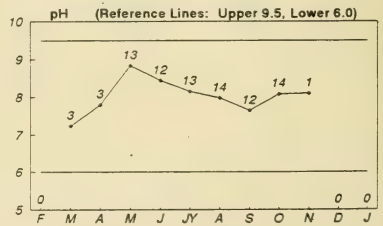








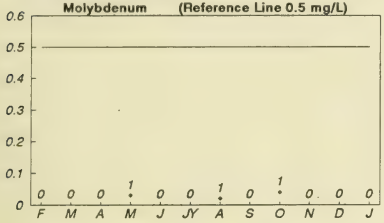


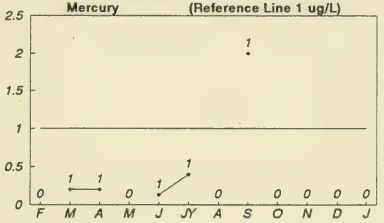


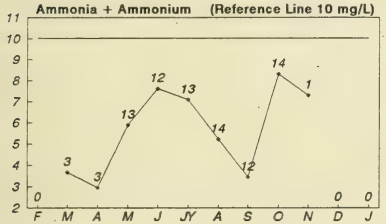
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

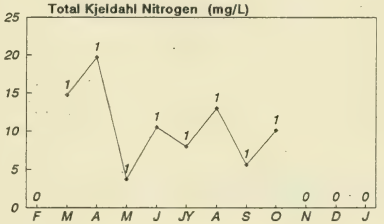
42 – Renabie Gold Mines
PR 0100 – Final Discharge
Monthly Averages

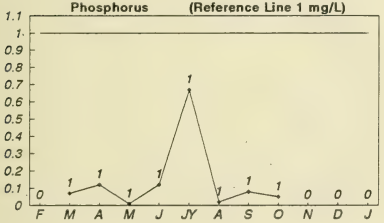
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

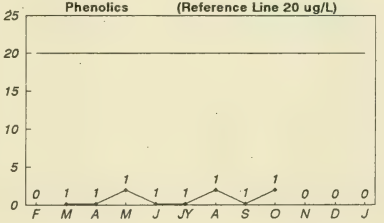


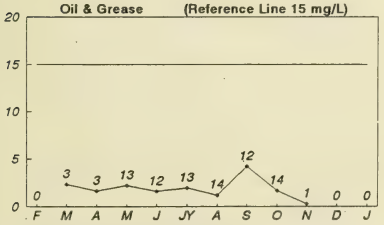


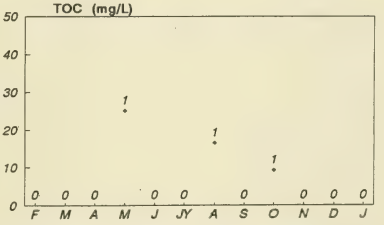








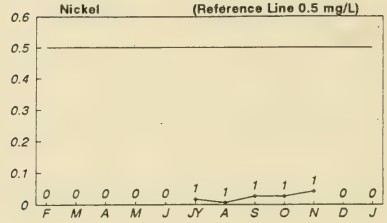


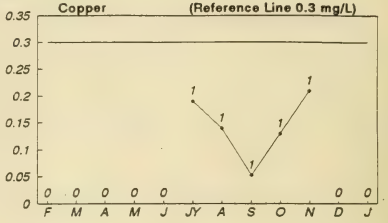


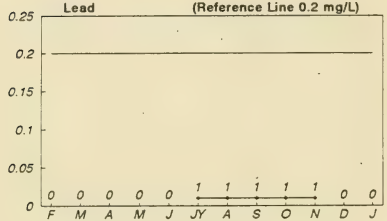
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

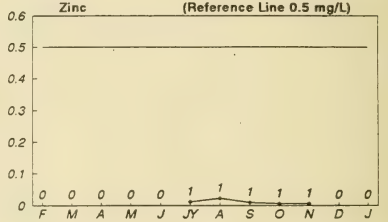
45 – St. Andrews Gold Fields
PR 0100 – Process Effluent
Monthly Averages

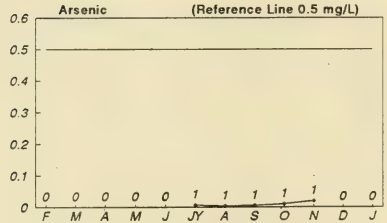
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

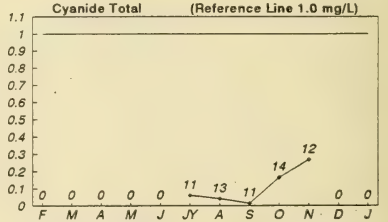


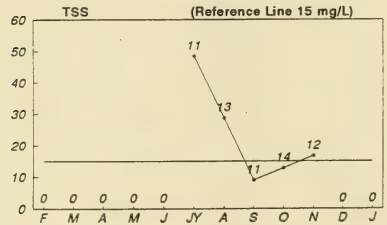


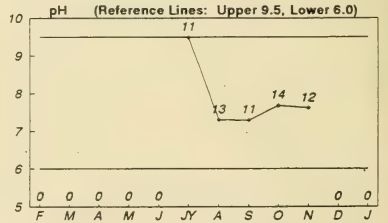








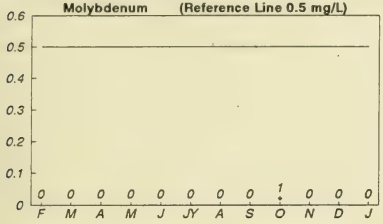


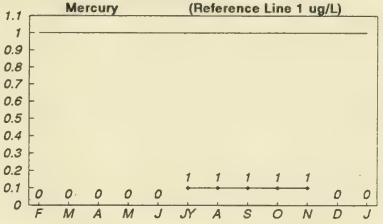


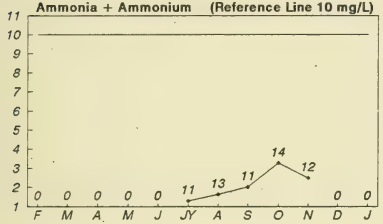
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

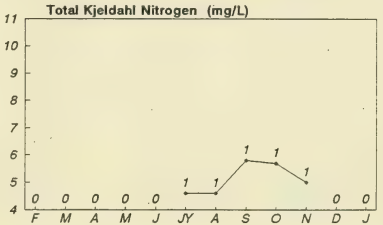
45 – St. Andrews Gold Fields
PR 0100 – Process Effluent
Monthly Averages

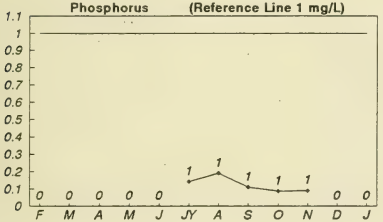
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

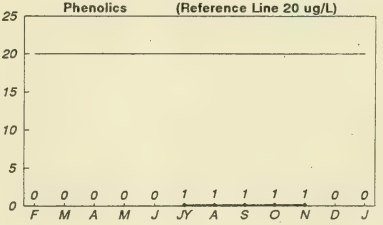


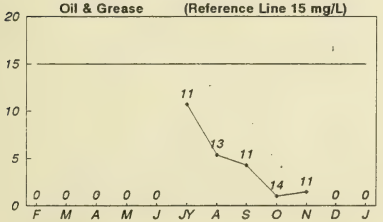


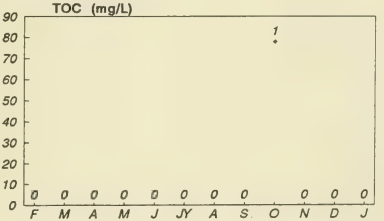








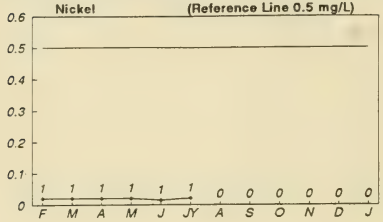


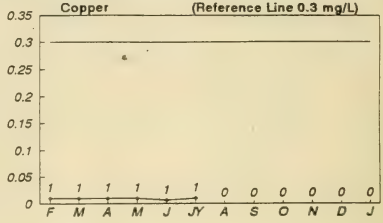


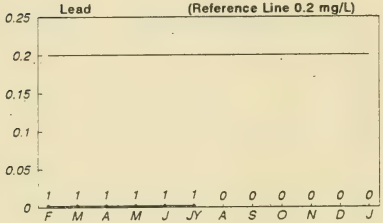
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

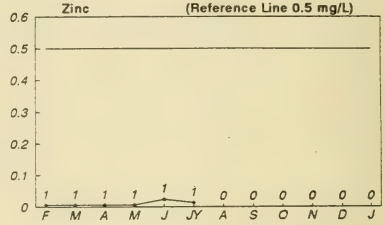
46 – Algoma Steel, Ore Division
PR 0100 – Final Decant
Monthly Averages

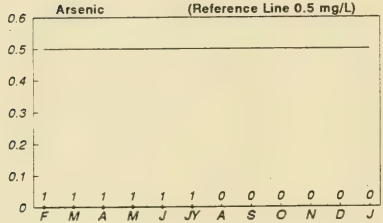
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

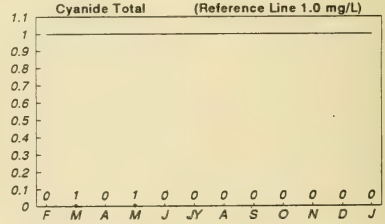


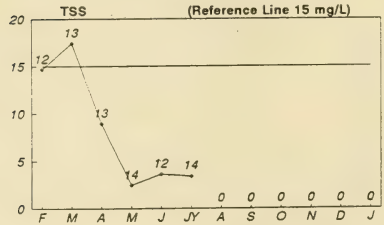


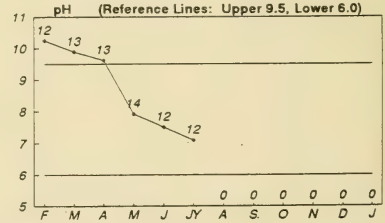








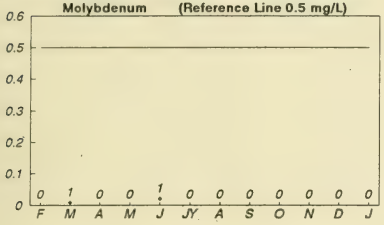


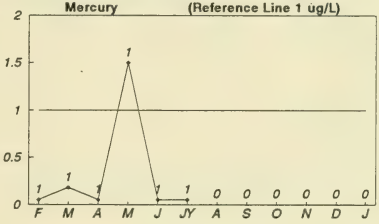


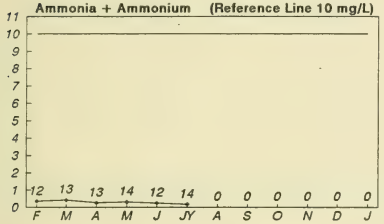
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

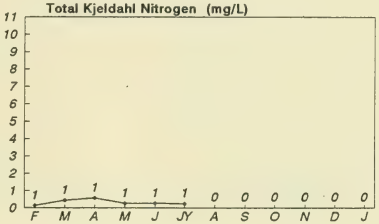
46 – Algoma Steel, Ore Division
PR 0100 – Final Decant
Monthly Averages

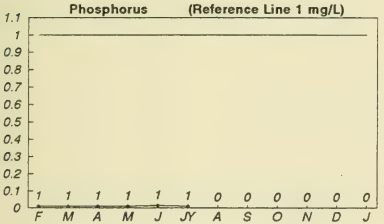
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

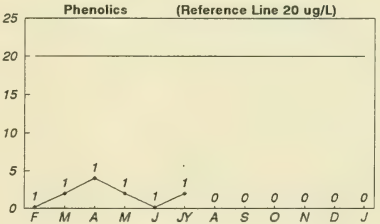


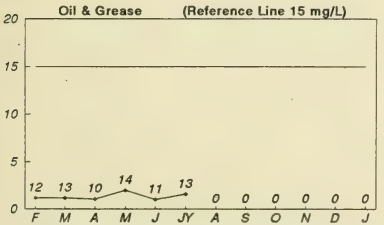


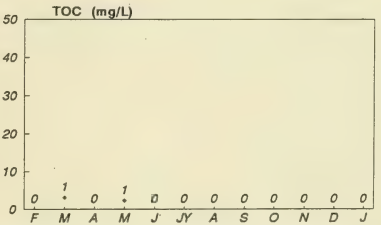








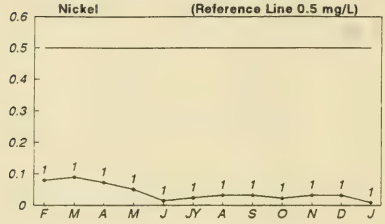


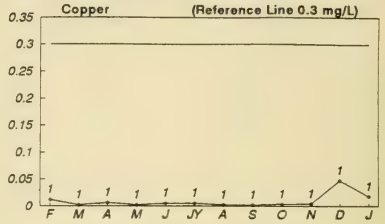


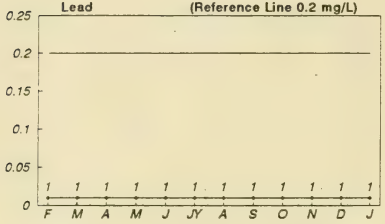
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

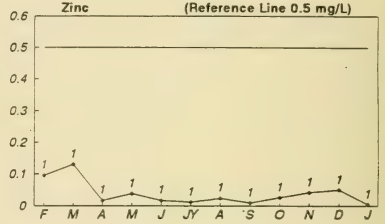
51 – Denison Mines, Denison Property
PR 0100 – Final Discharge
Monthly Averages

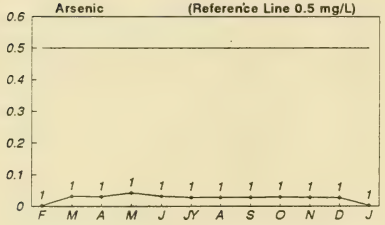
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

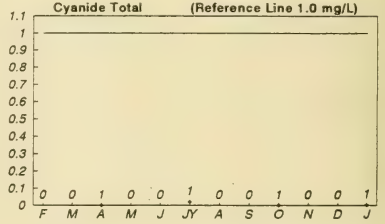


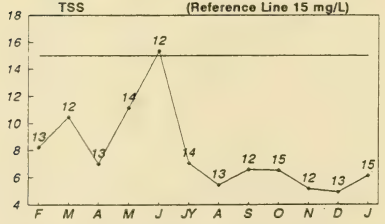


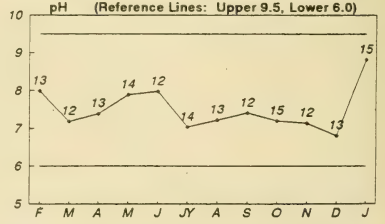








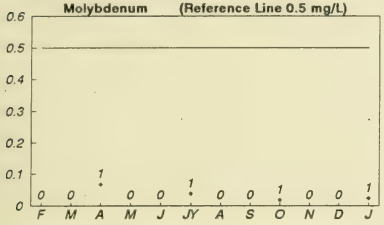


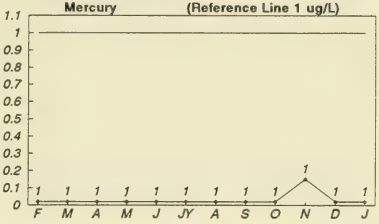


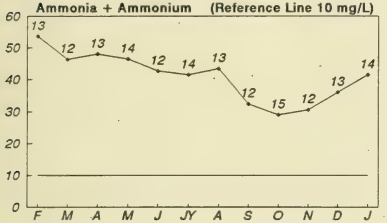
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

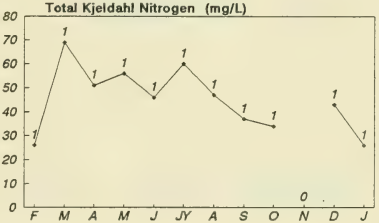
51 – Denison Mines, Denison Property
PR 0100 – Final Discharge
Monthly Averages

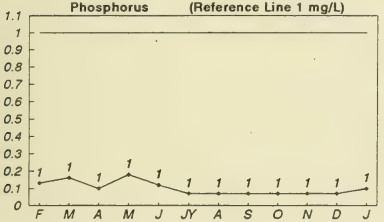
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

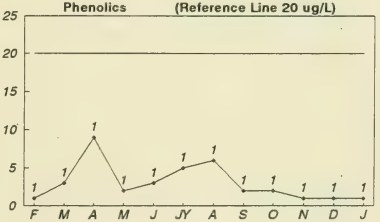


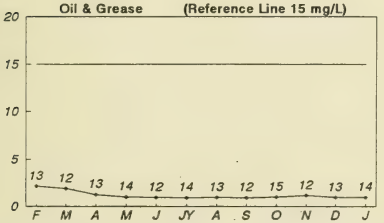


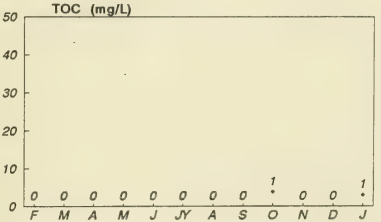








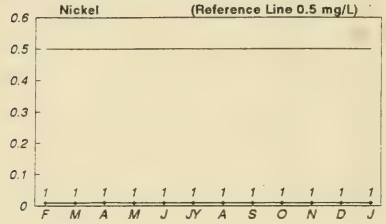


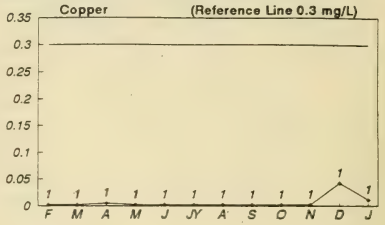


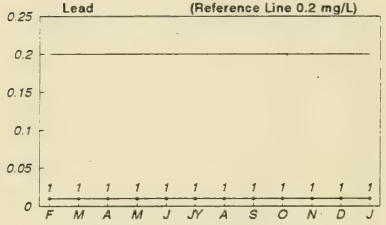
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

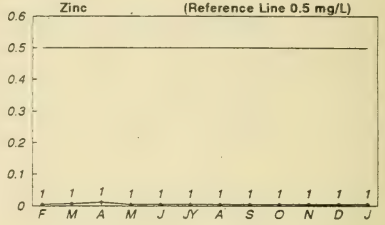
51 – Denison Mines, Denison Property
SW 0200 – Final Discharge
Monthly Averages

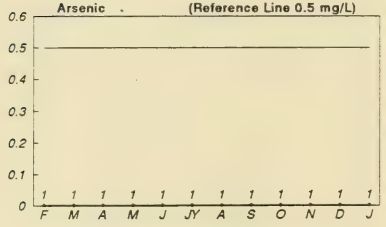
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

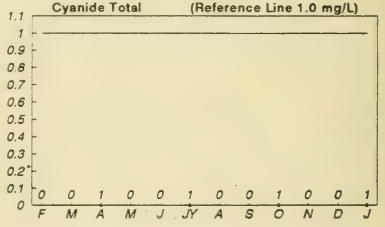


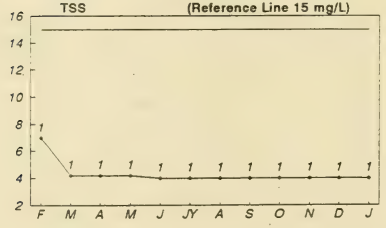


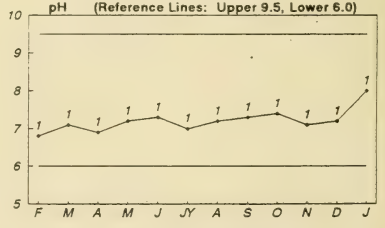








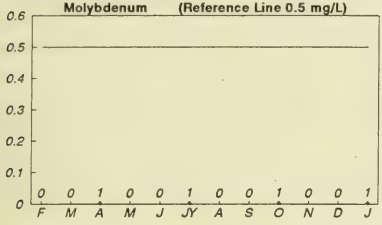


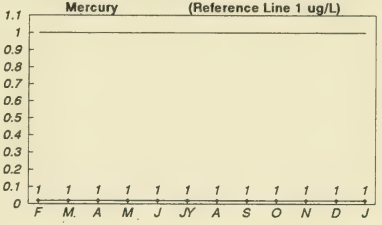


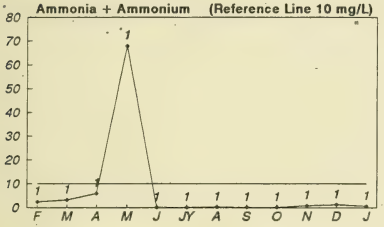
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

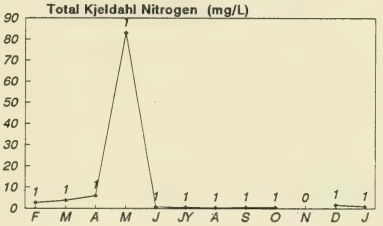
51 – Denison Mines, Denison Property
SW 0200 – Final Discharge
Monthly Averages

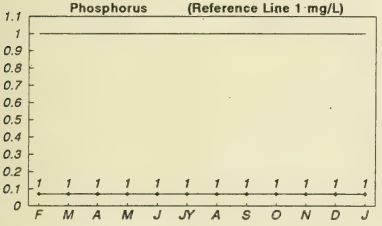
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

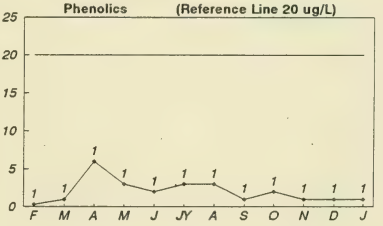


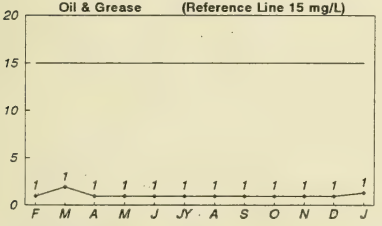


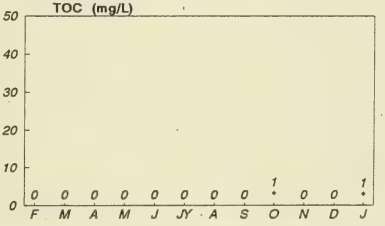




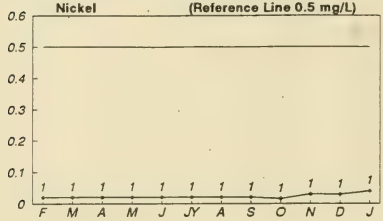


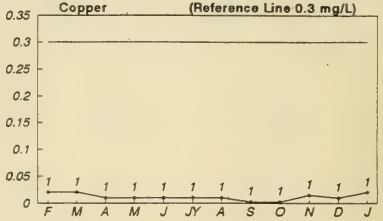


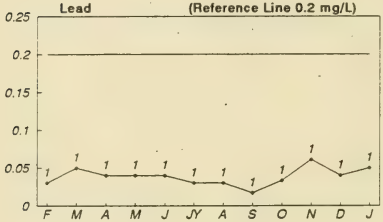


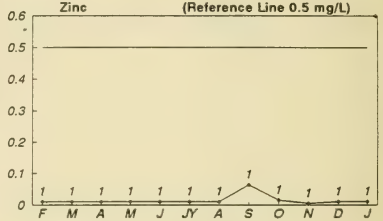


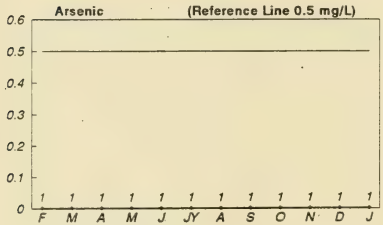
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

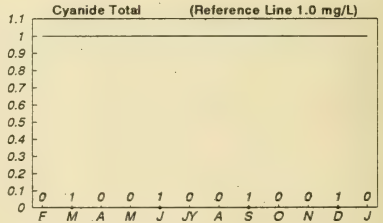


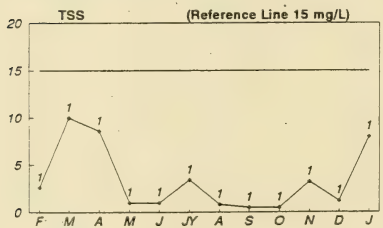


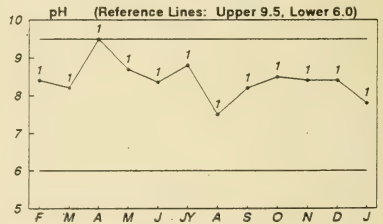








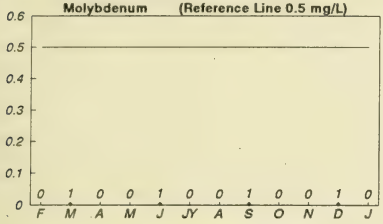


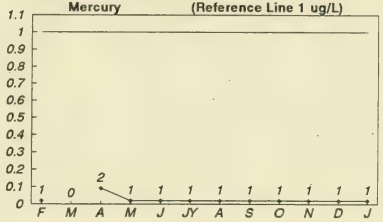


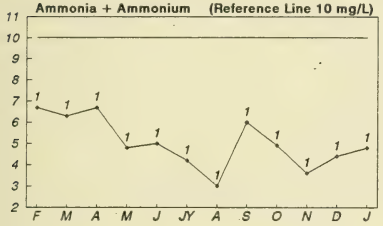
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

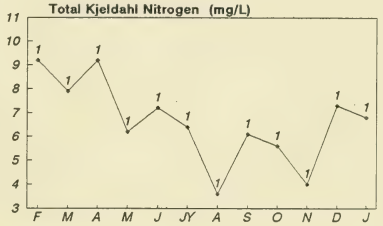
52 – Rio Algom, Lacnor/Nordic
SW 0100 – Final Discharge
Monthly Averages

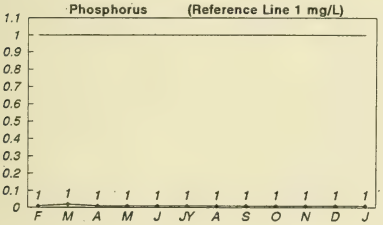
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

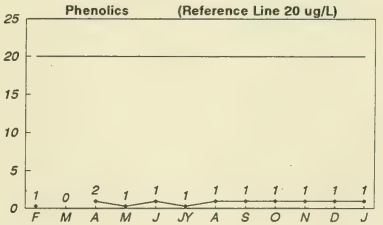


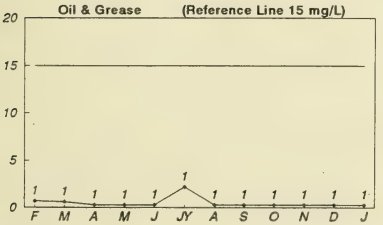


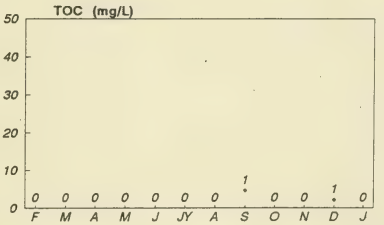








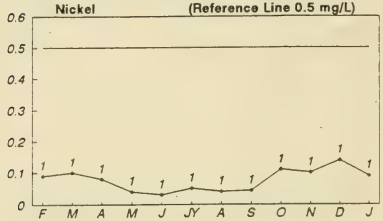


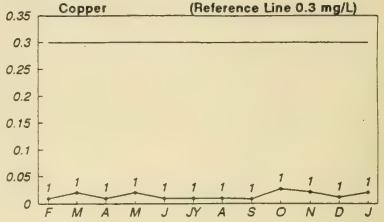


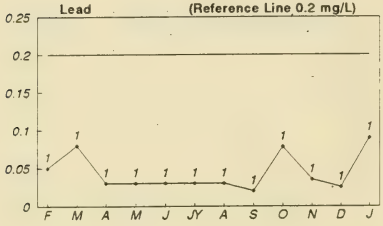
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

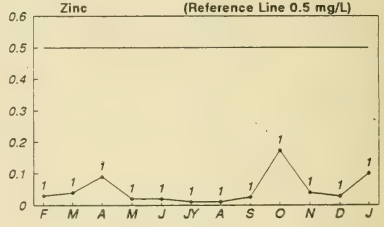
53 – Rio Algom, Panel
SR 0100 – Final Discharge
Monthly Averages

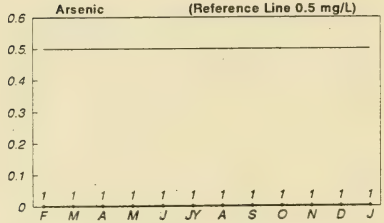
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

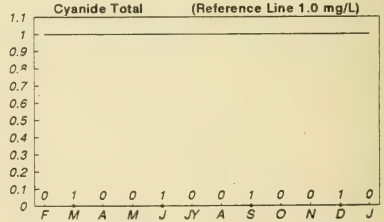


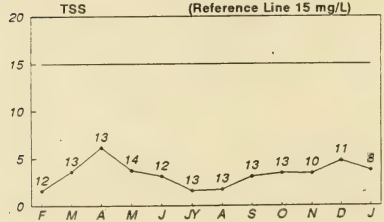


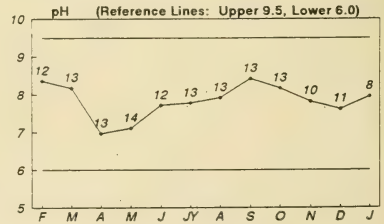












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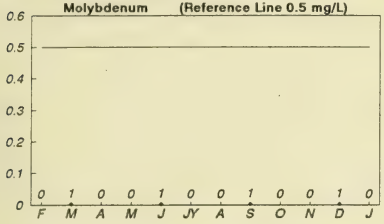
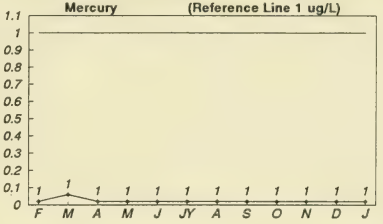
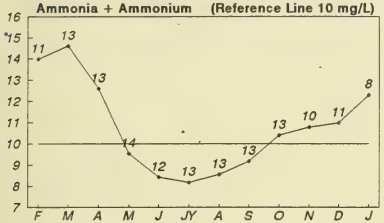
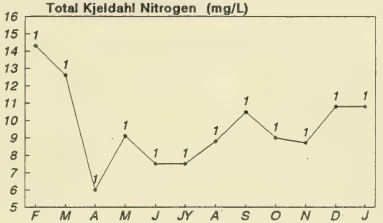
Monthly Averages

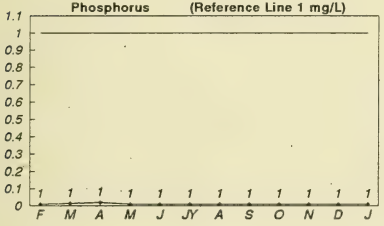
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

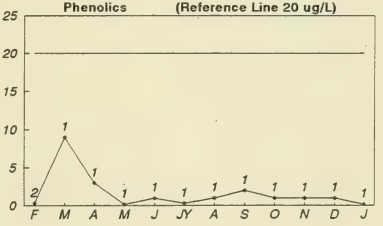


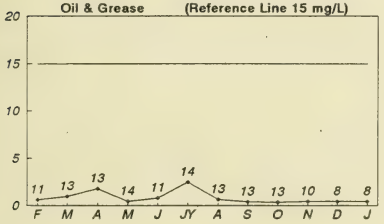


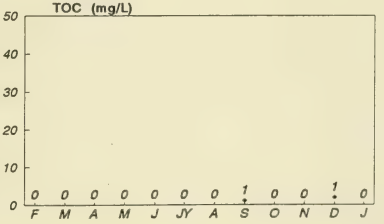












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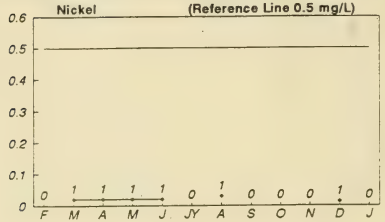
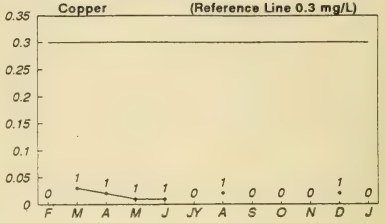
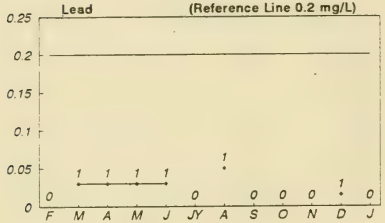
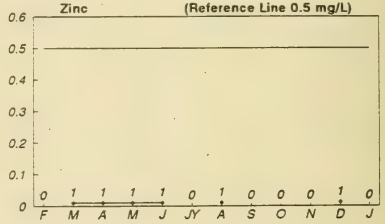
54 – Rio Algom, Pronto
SW 0100 – Final Discharge
Monthly Averages

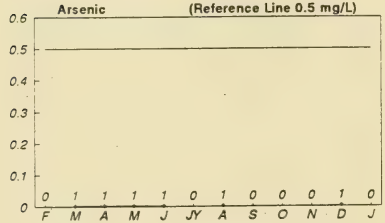
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

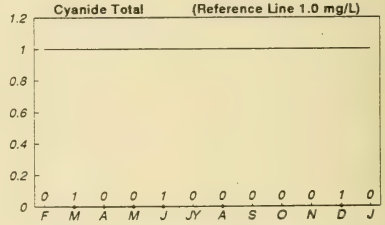


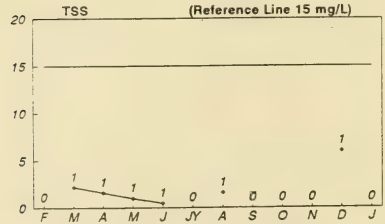


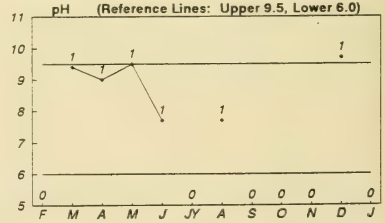












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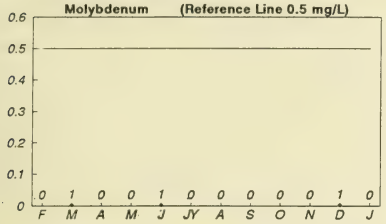
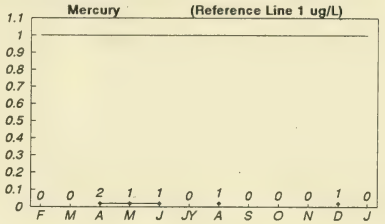
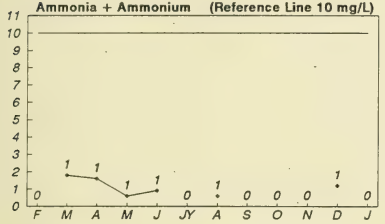
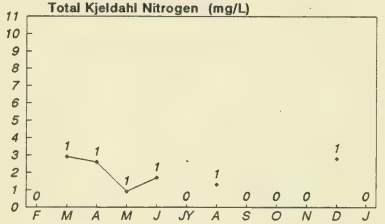
SW 0100 – Final Discharge
Monthly Averages

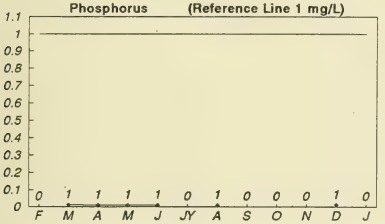
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

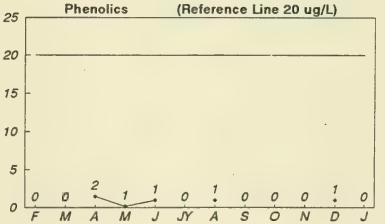


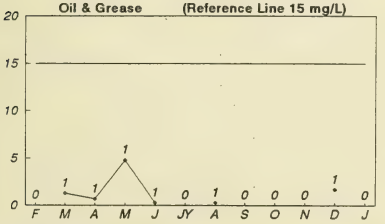


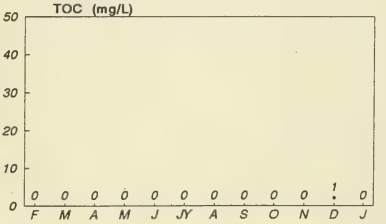












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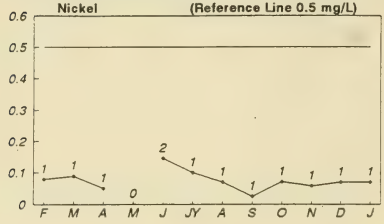

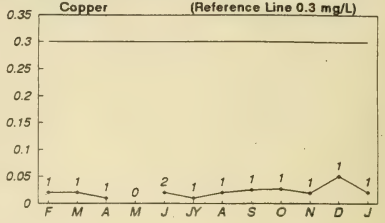

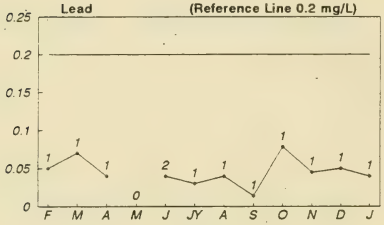

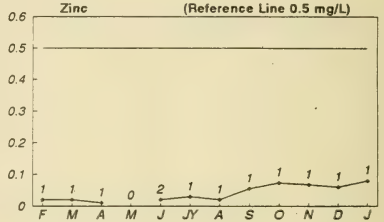

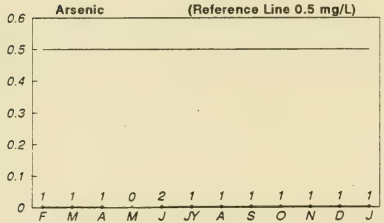

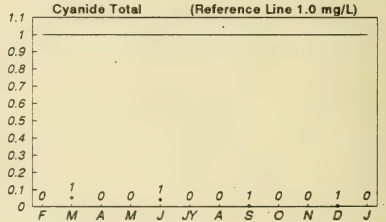

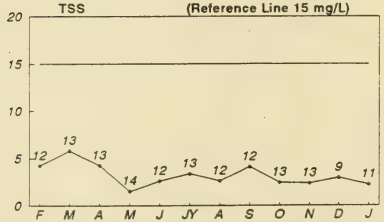

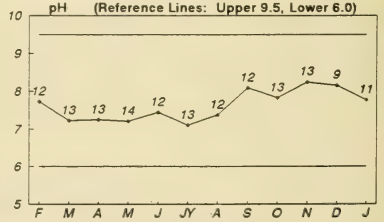

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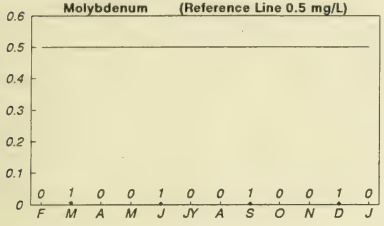
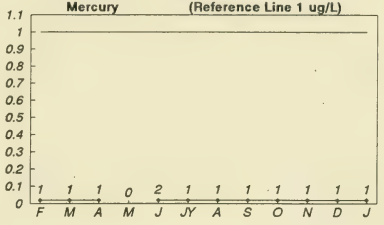
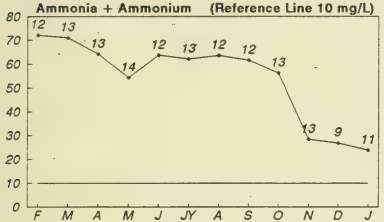
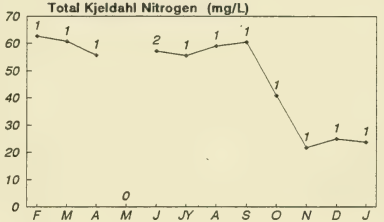
55 – Rio Algom, Quirke
PR 0100 – Final Discharge
Monthly Averages

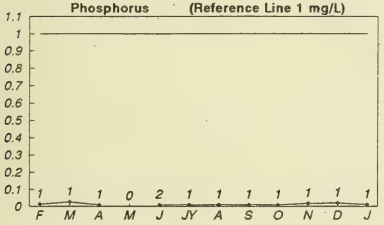
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

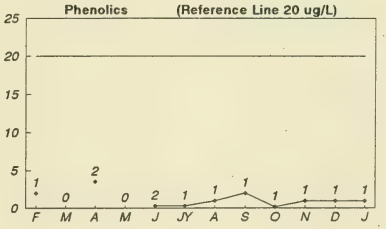


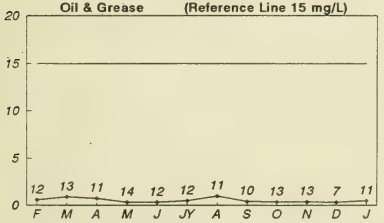


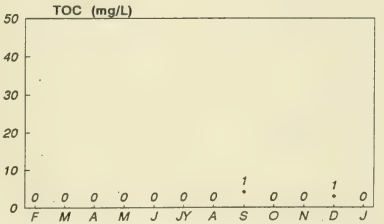








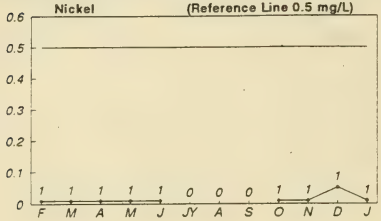


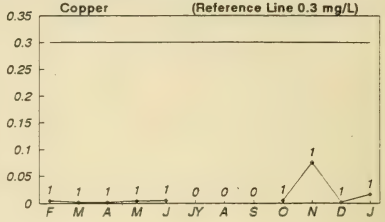


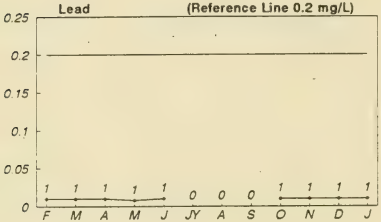
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

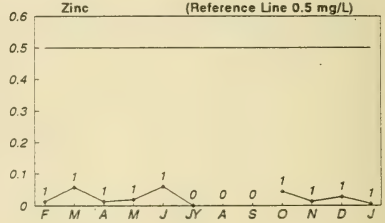
56 – Cameco, Refinery, Blind River
SR 0300 – Final Discharge
Monthly Averages

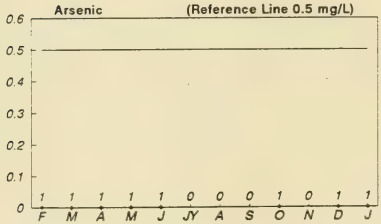
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

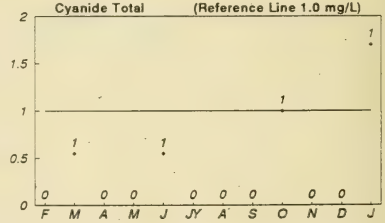


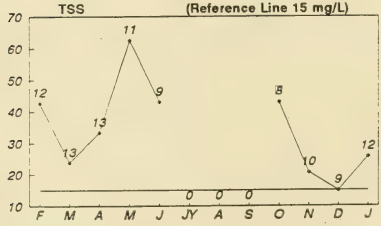


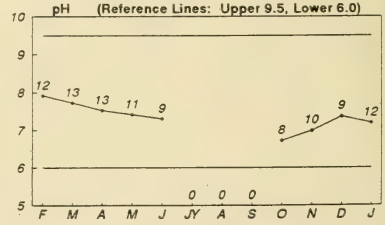












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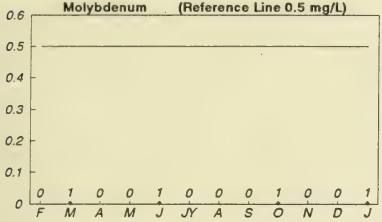
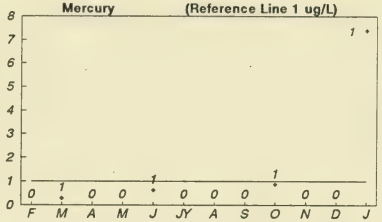
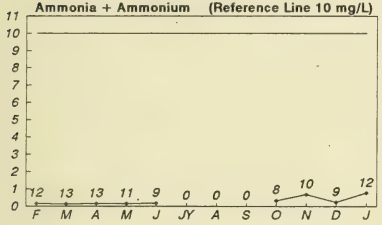
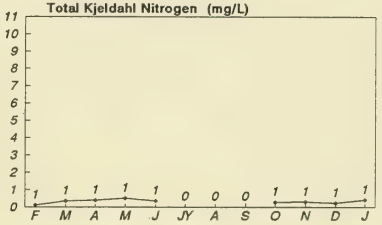
56 – Cameco, Refinery, Blind River
SR 0300 – Final Discharge
Monthly Averages

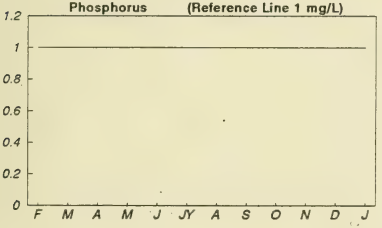
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

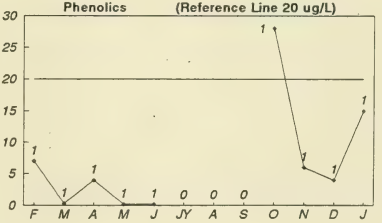


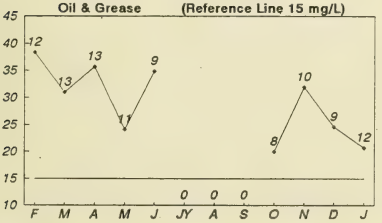


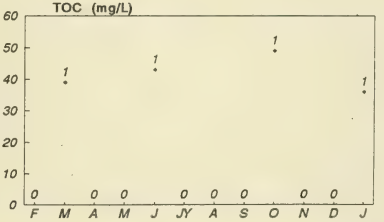








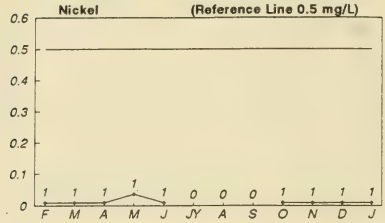


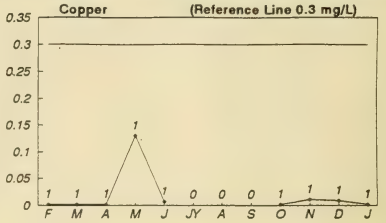


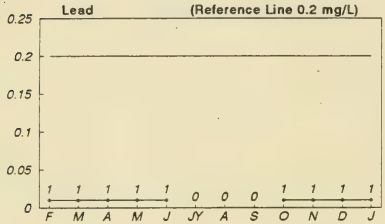
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

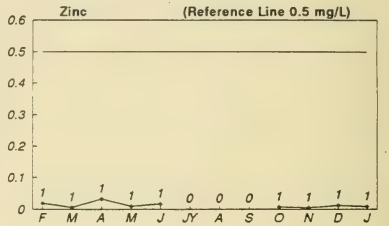
57 – Cameco, Refinery, Port Hope
SR 0100 – West UF6/NUO2 Combined Effluent
Monthly Averages

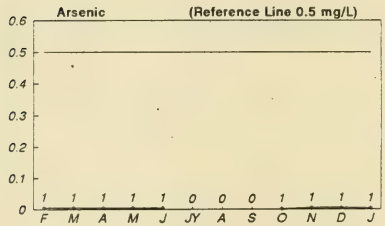
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

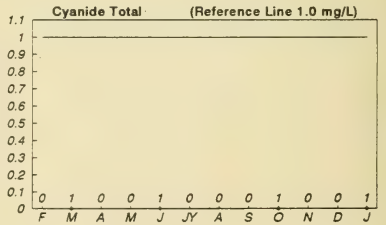


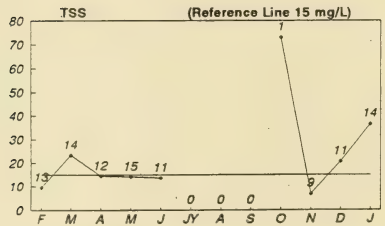


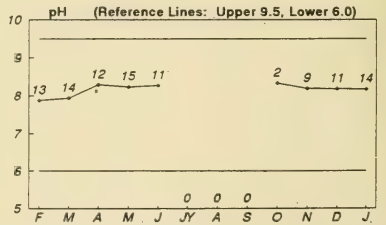








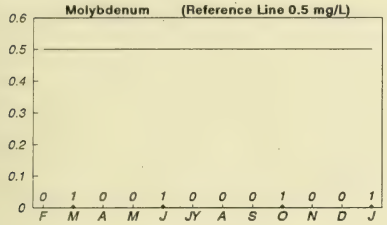


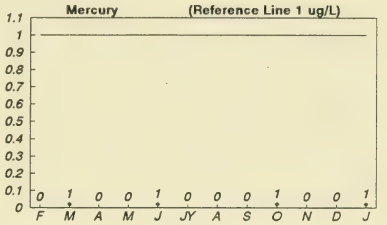


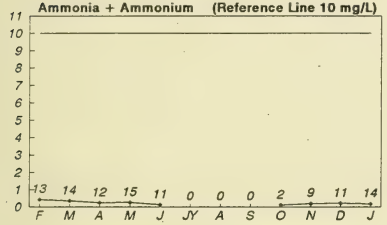
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

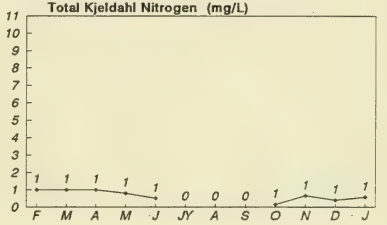
57 – Cameco, Refinery, Port Hope
SR 0100 – West UF6/NUO2 Combined Effluent
Monthly Averages

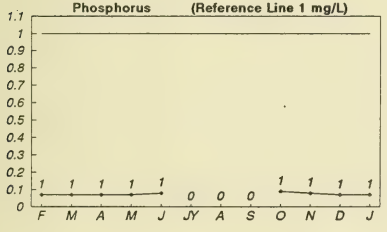
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

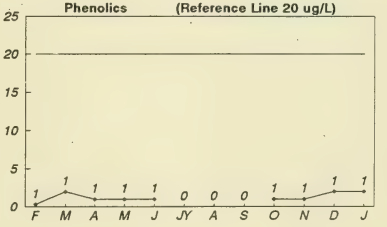


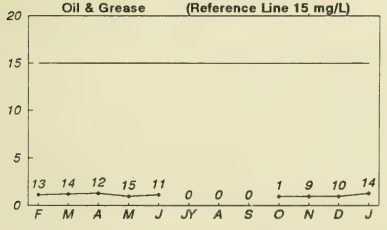


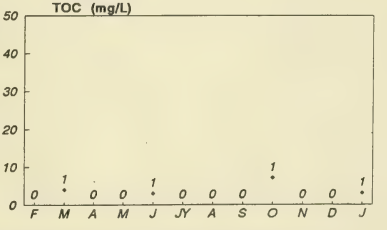








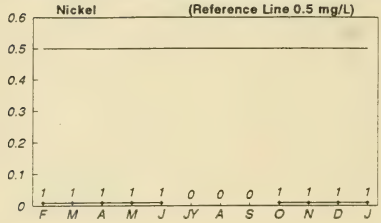


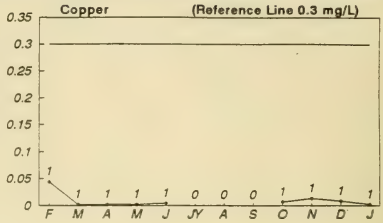


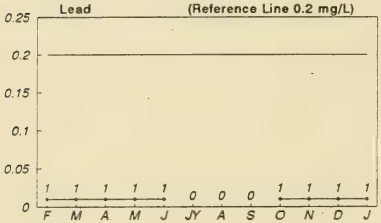
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

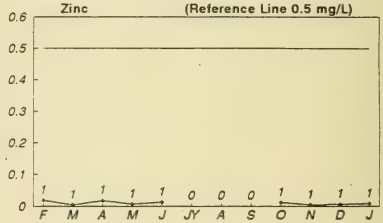
57 – Cameco, Refinery, Port Hope
SR 0200 – East UF6 Discharge
Monthly Averages

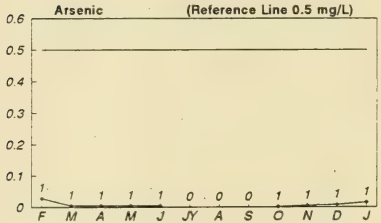
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

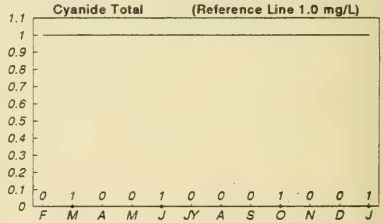


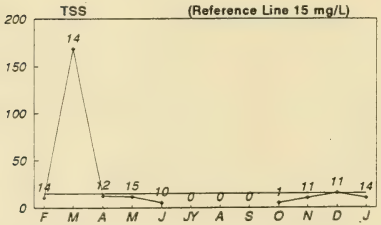


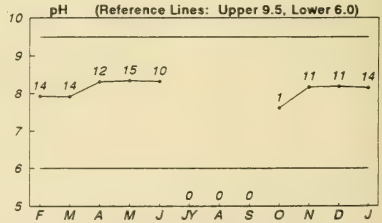












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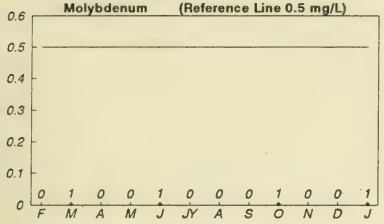
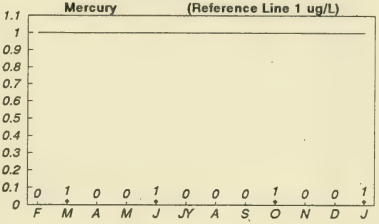
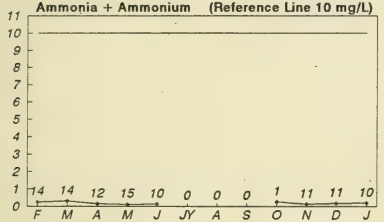
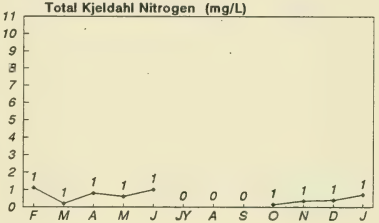
57 – Cameco, Refinery, Port Hope
SR 0200 – East UF6 Discharge
Monthly Averages

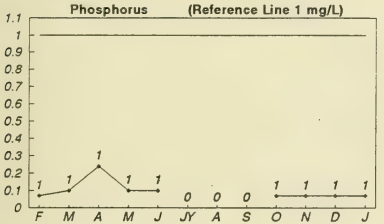
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

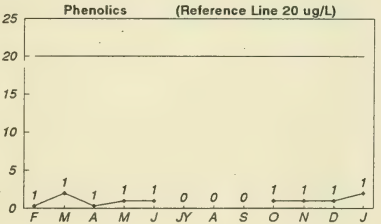


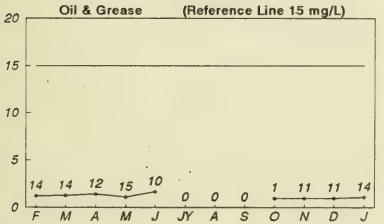


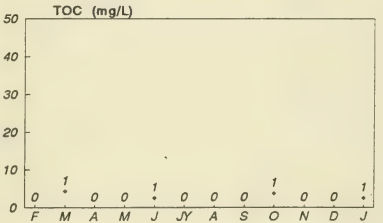








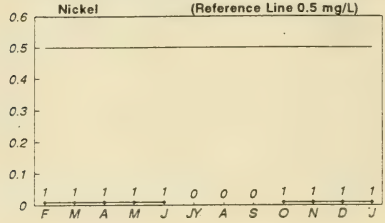


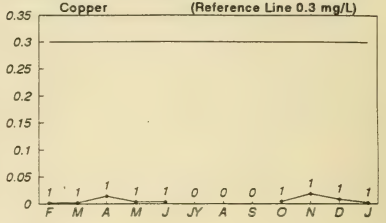


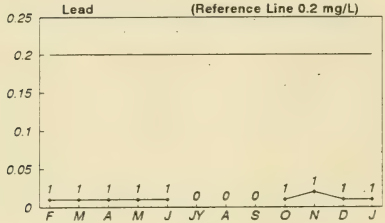
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

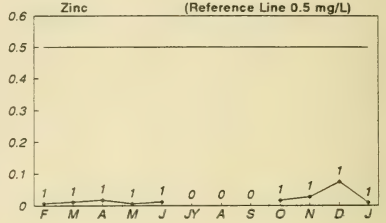
57 – Cameco, Refinery, Port Hope
SR 0300 – UO2 Discharge
Monthly Averages

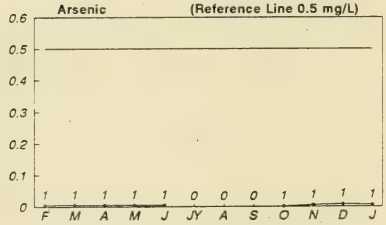
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

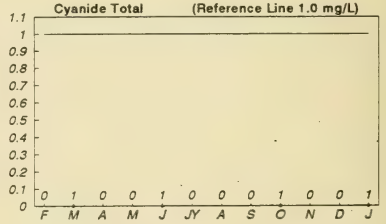


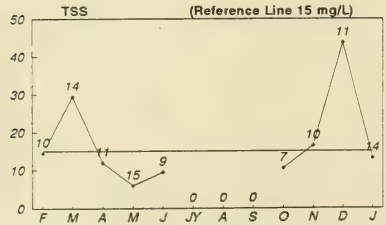


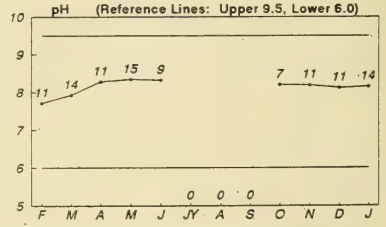












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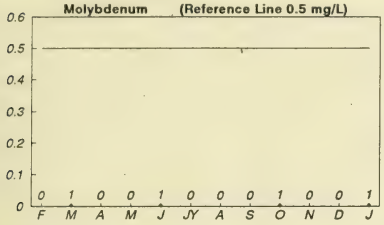
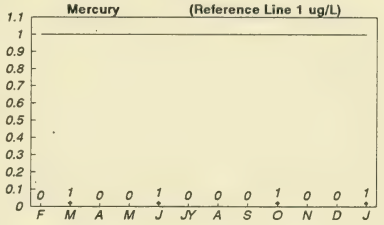
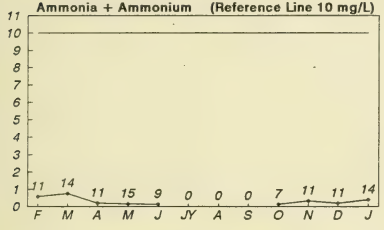
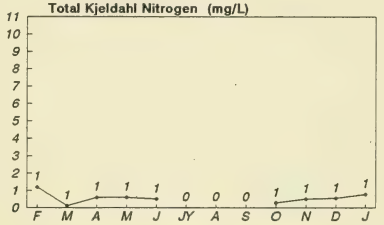
57 – Cameco, Refinery, Port Hope
SR 0300 – UO2 Discharge
Monthly Averages

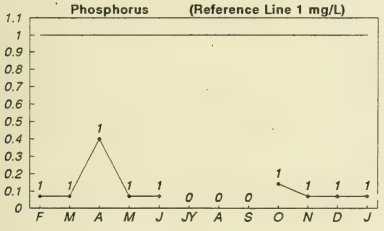
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

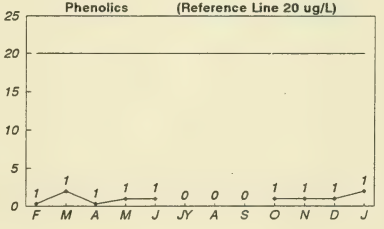


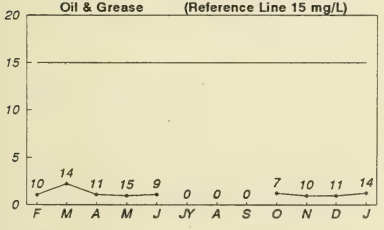


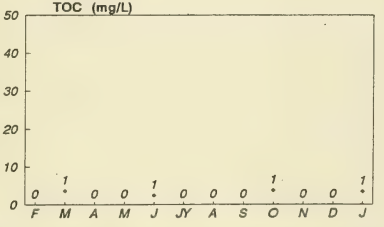








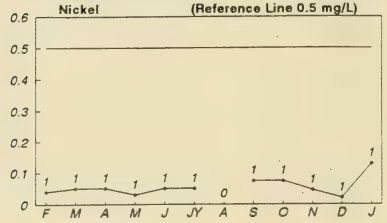


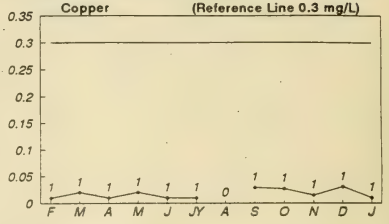


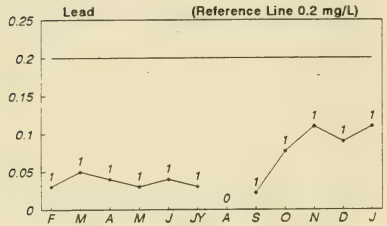
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

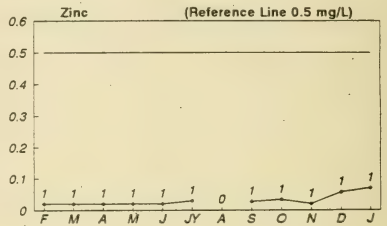
58 – Rio Algom, Stanleigh
SR 0100 – Final Discharge
Monthly Averages

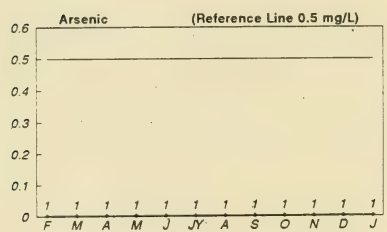
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

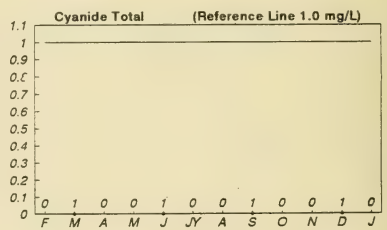


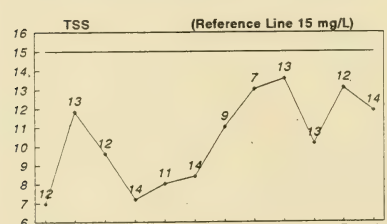


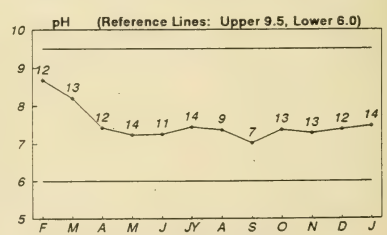








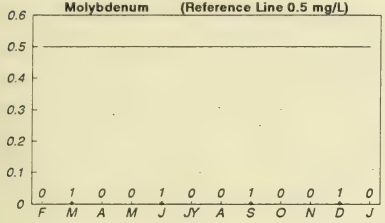


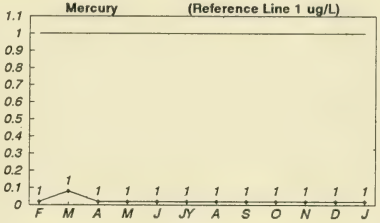


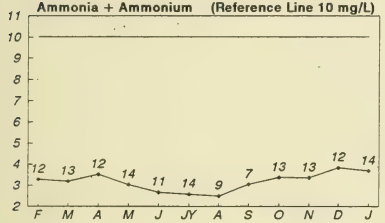
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

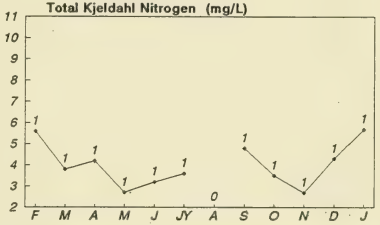
58 – Rio Algom, Stanleigh
SR 0100 – Final Discharge
Monthly Averages

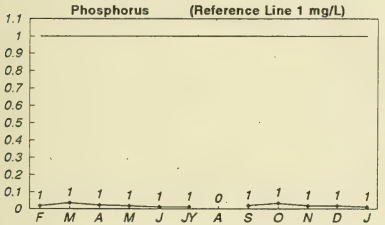
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

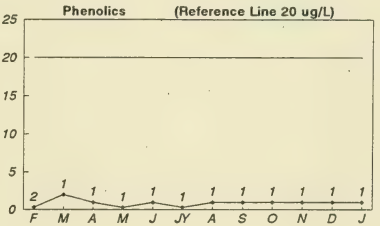


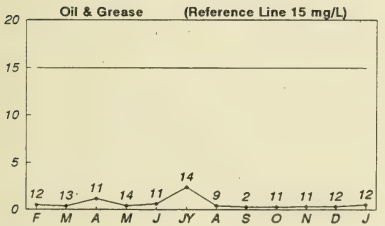


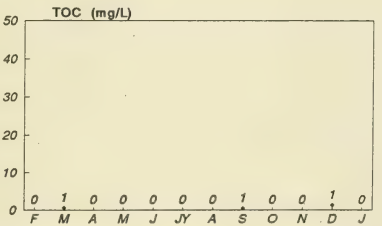








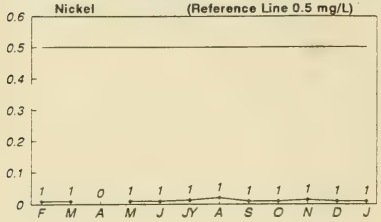


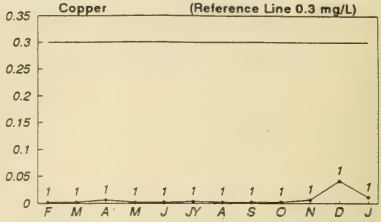


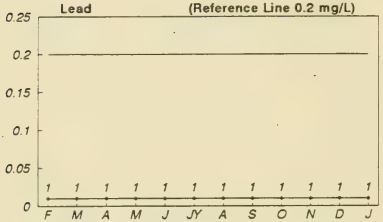
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

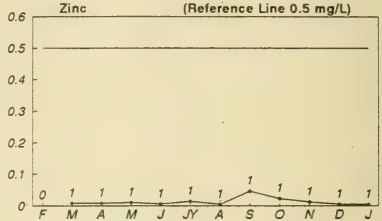
59 – Denison Mines, Stanrock
SW 0100 – Final Discharge
Monthly Averages

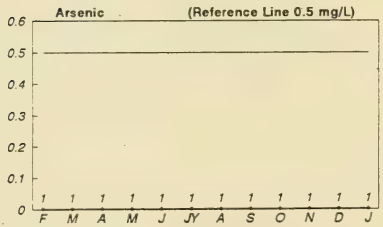
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

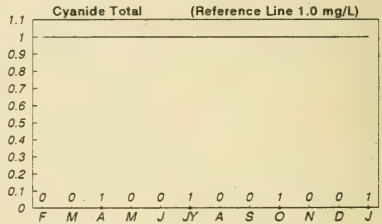


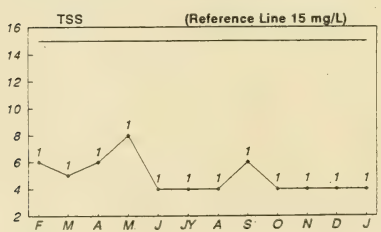


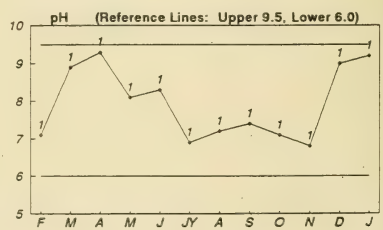












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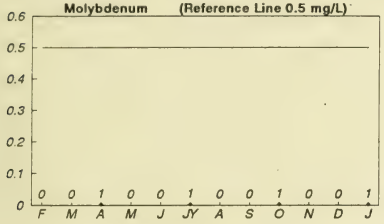
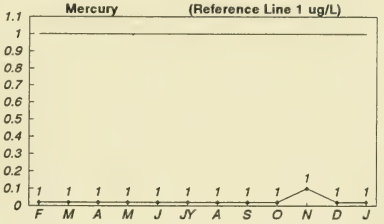
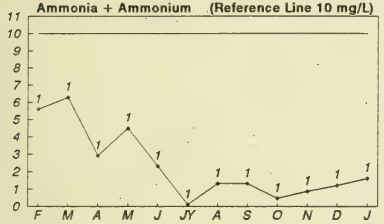
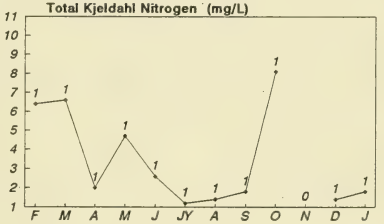
59 – Denison Mines, Stanrock
SW 0100 – Final Discharge
Monthly Averages

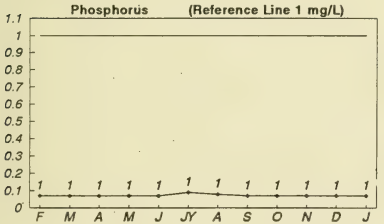
MISA METAL MINING SECTOR
12 Month Monitoring Data
February 1, 1990 to January 31, 1991

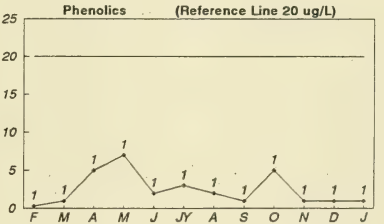


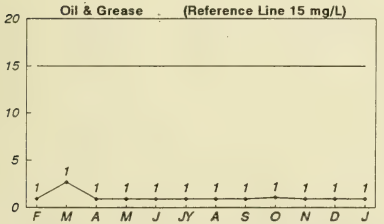


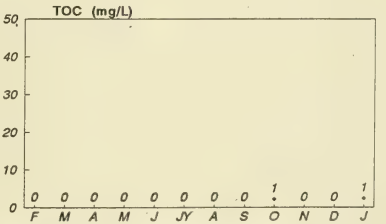












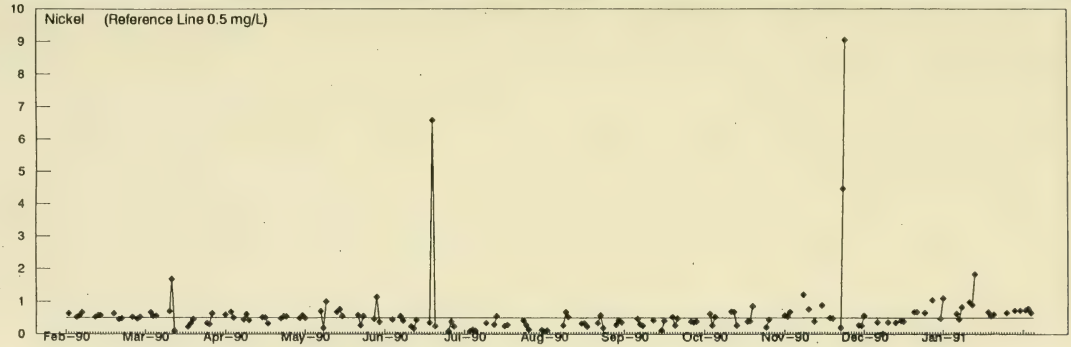
NOTE: The Number of Samples Comprising Each Monthly Average is Indicated Above Each Data Point

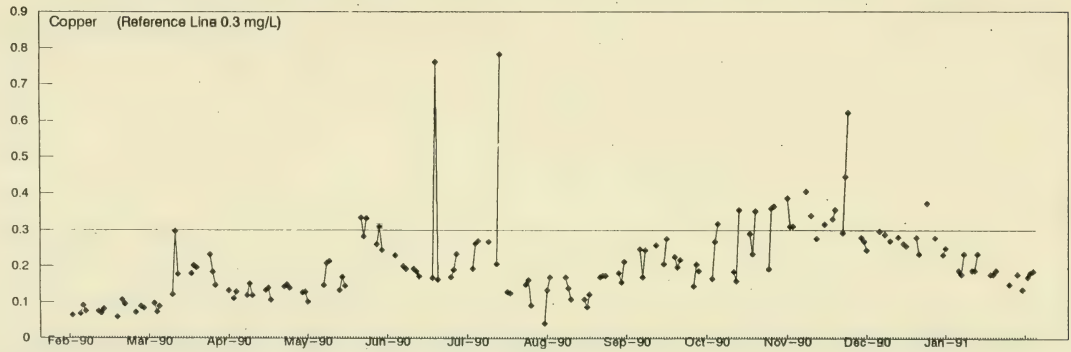
APPENDIX 7

DAILY CONCENTRATION PLOTS

MISA Metal Mining Sector
12 - Month Database
February 1, 1990 to January 31, 1991

Nickel, Copper, Lead, Zinc,
Arsenic, Cyanide (Total),
Total Suspended Solids, Hydrogen Ion (pH)


Nickel (Reference Line 0.5 mg/L)
10
9
8
7
6
5
4
3
2
1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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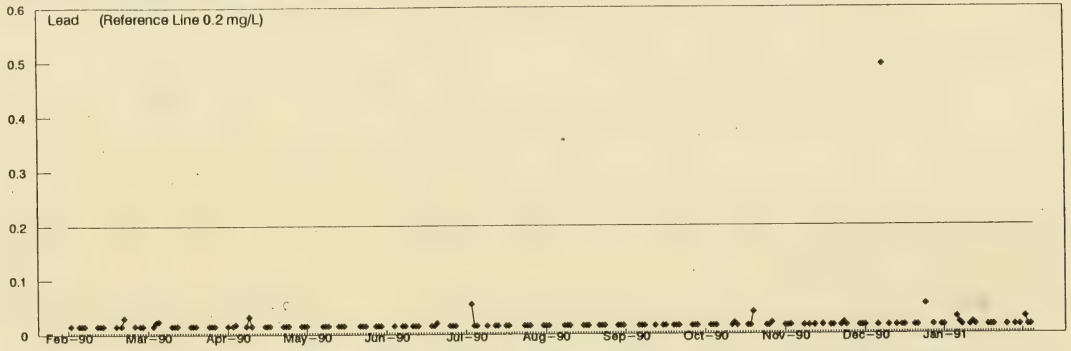
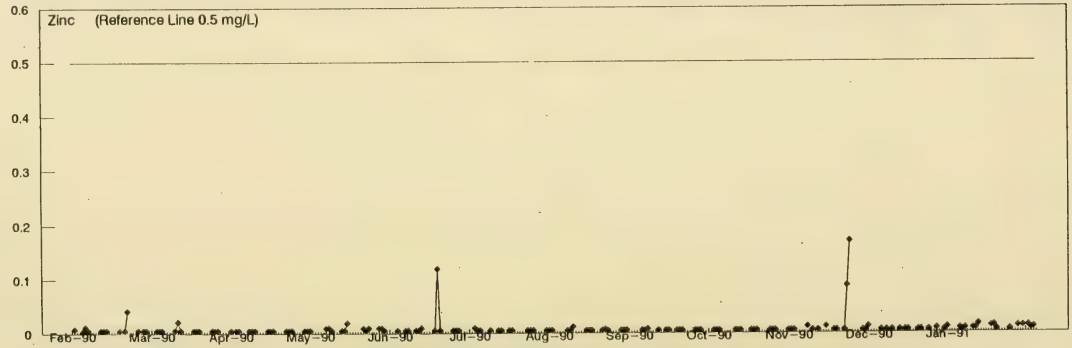
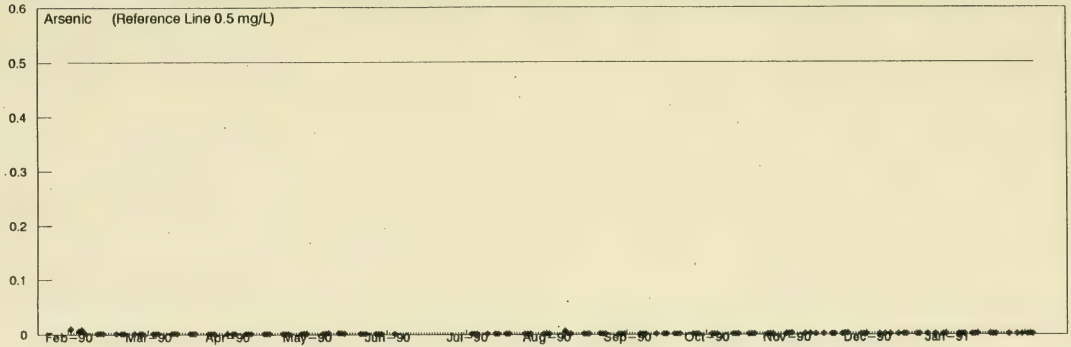
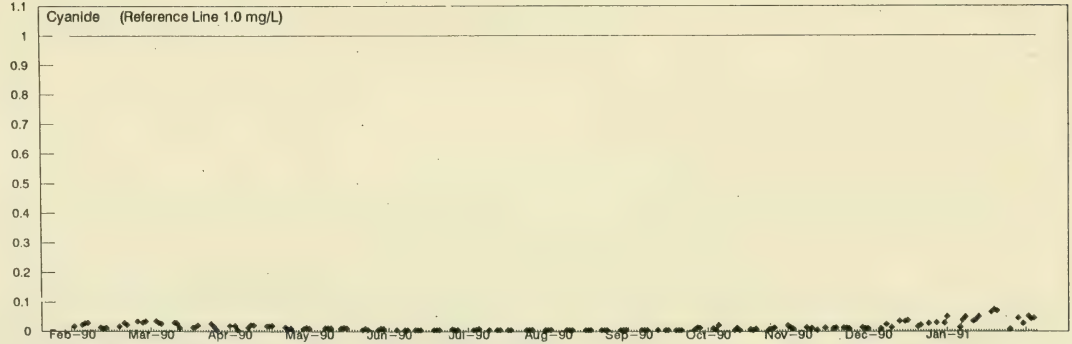
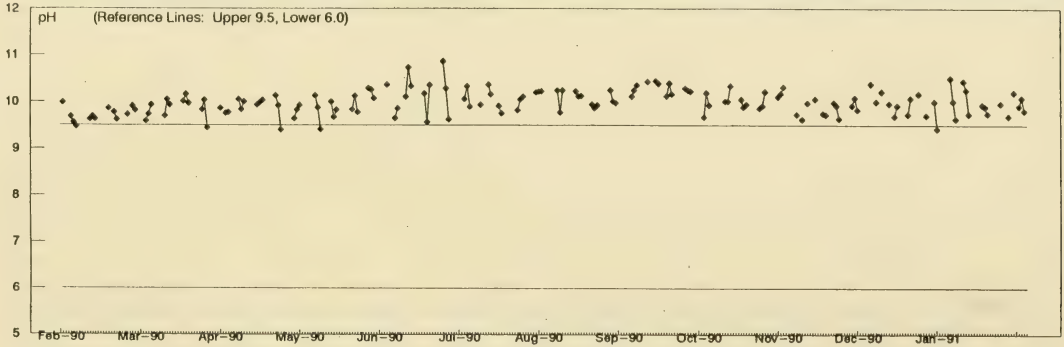
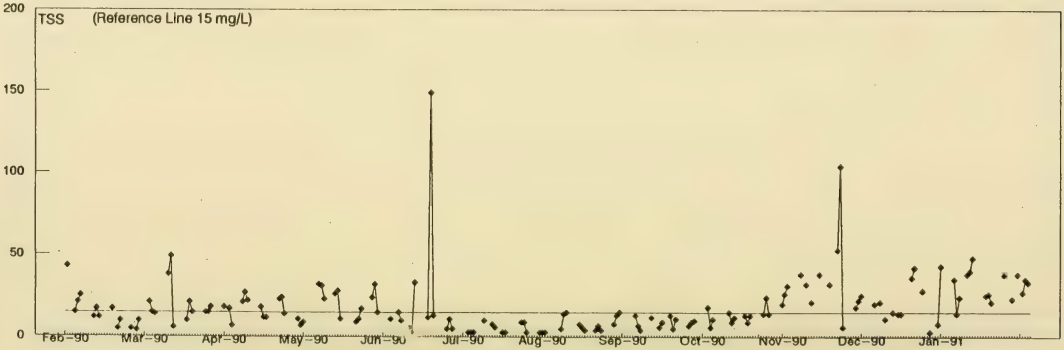

Lead (Reference Line 0.2 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

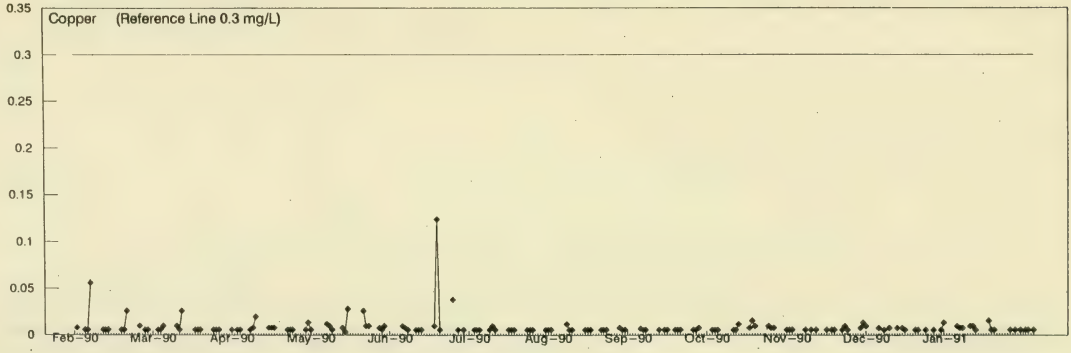

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

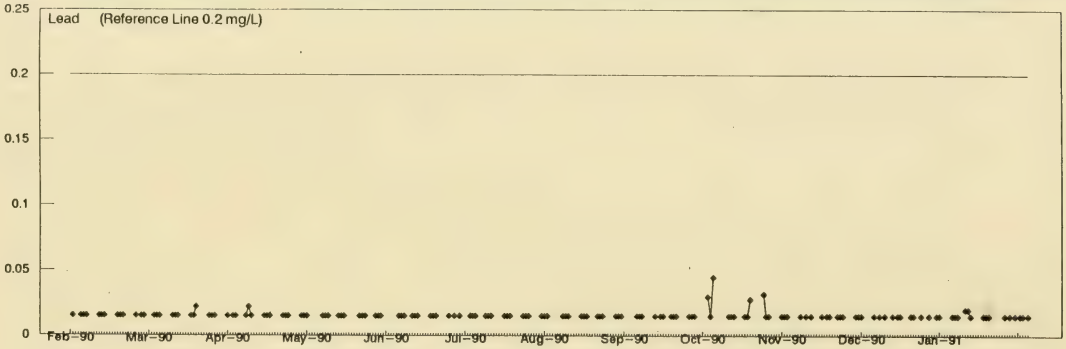

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

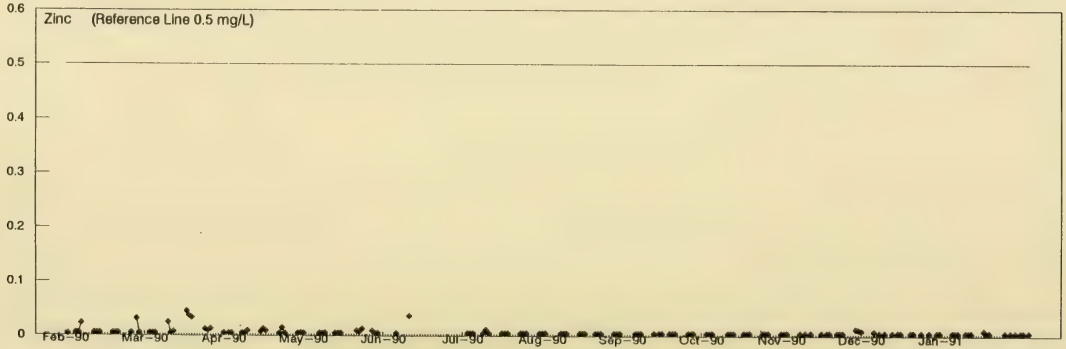

pH (Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

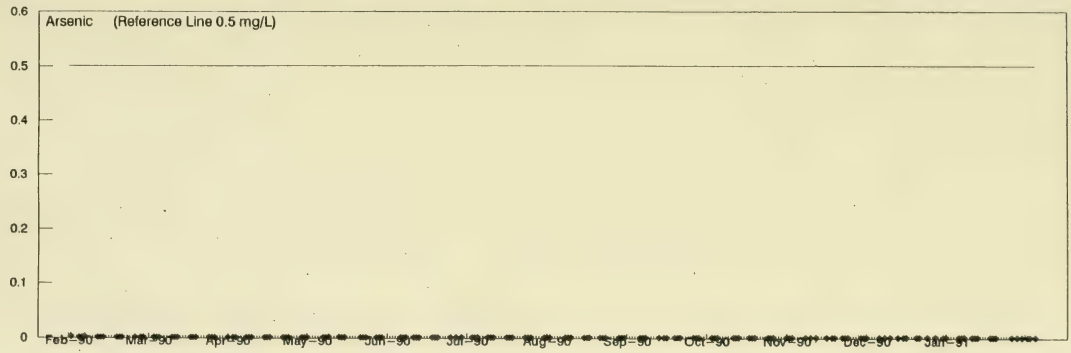

TSS (Reference Line 15 mg/L)
200
150
100
50
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

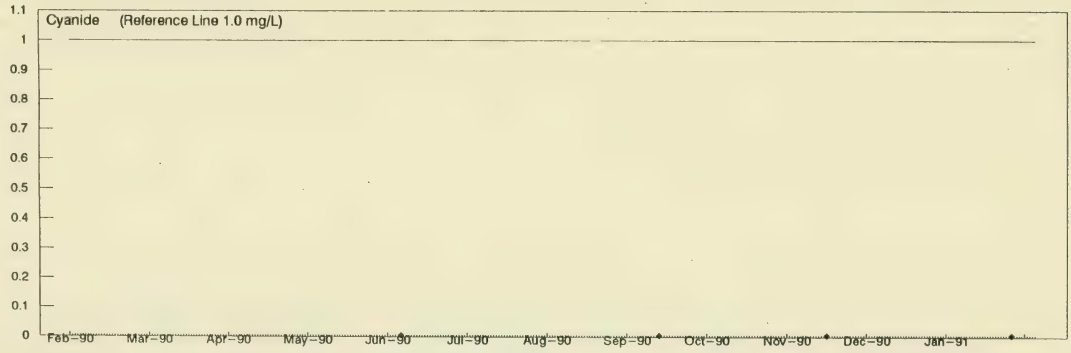
Nickel (Reference Line 0.5 mg/L)
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

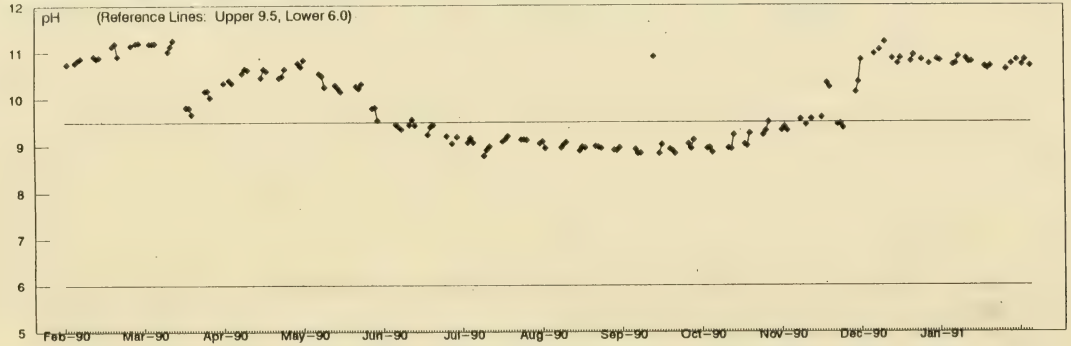

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

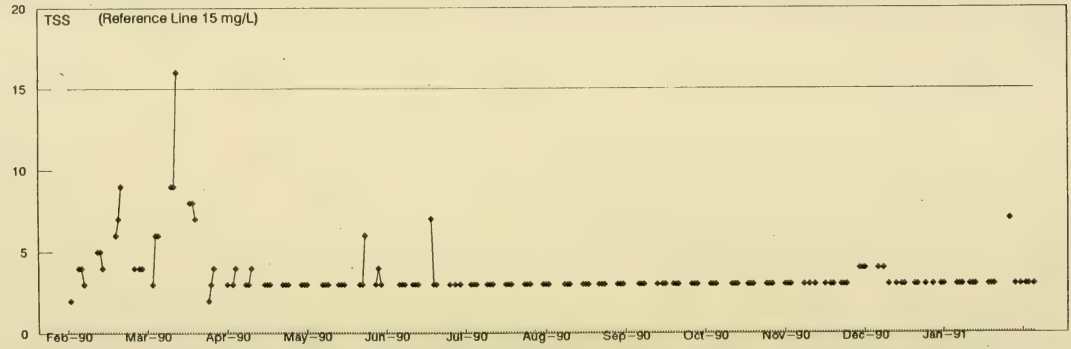

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


pH (Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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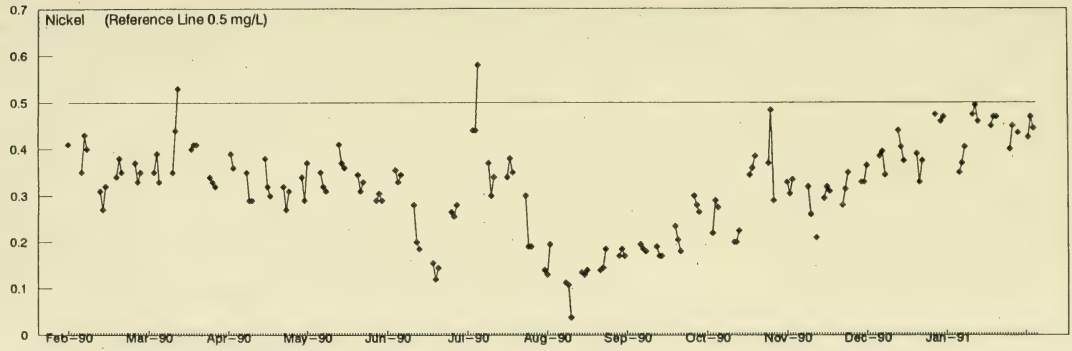
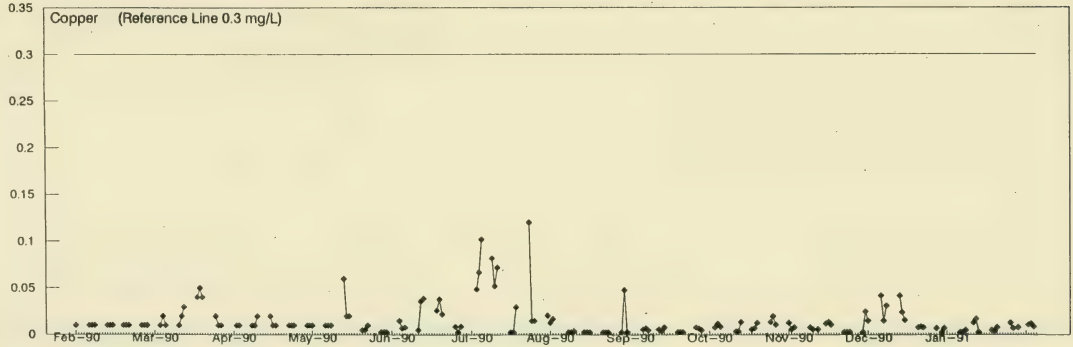

Nickel (Reference Line 0.5 mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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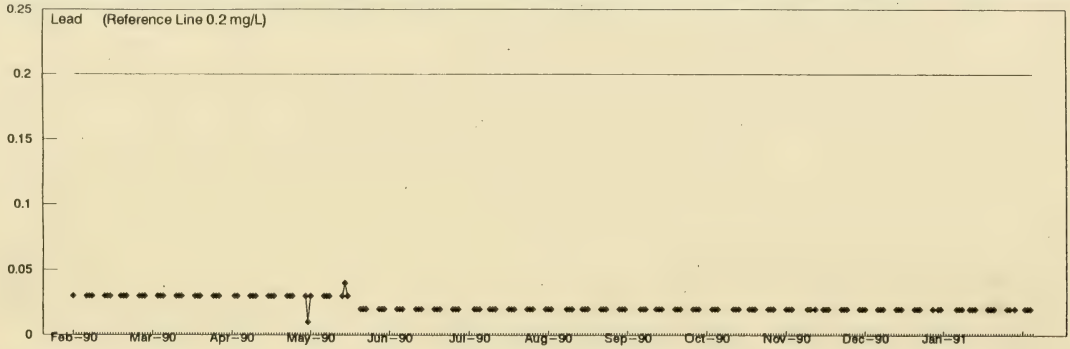
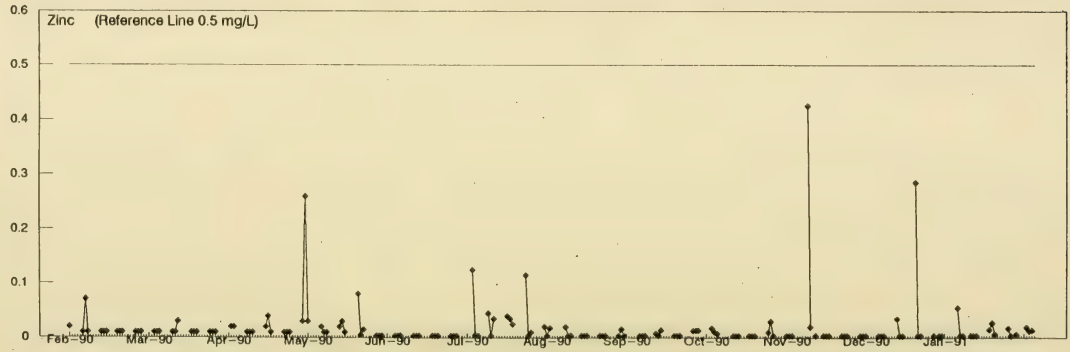

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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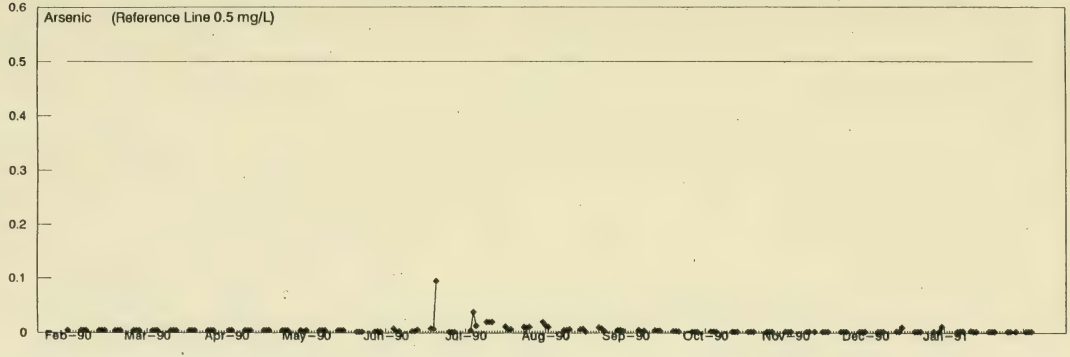
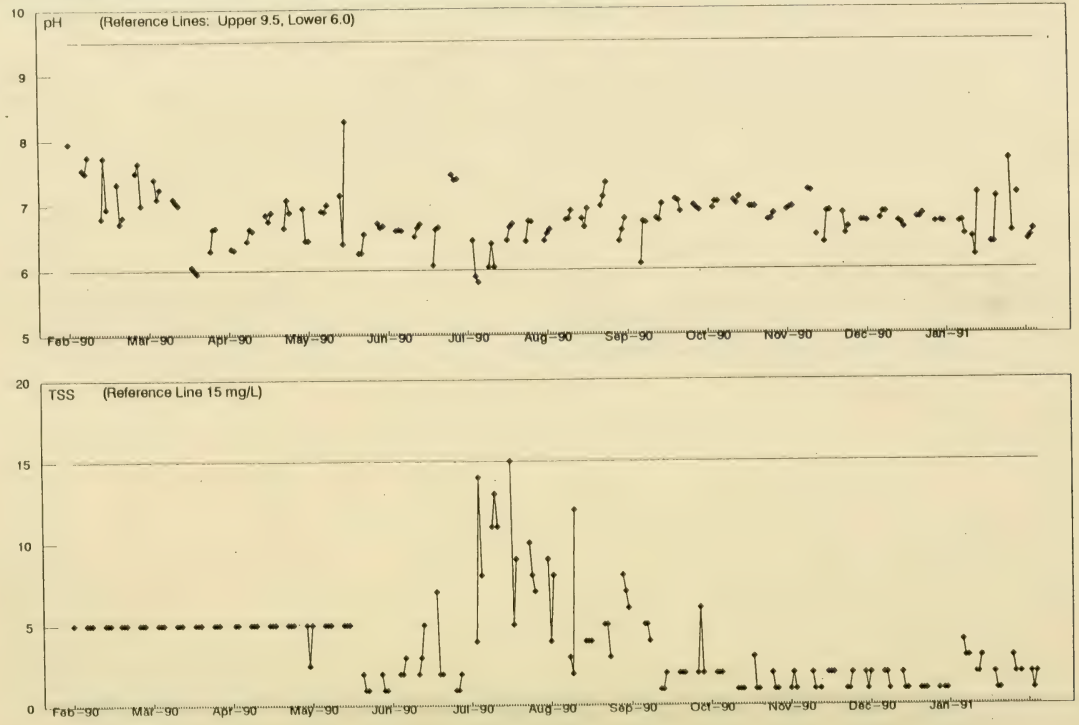
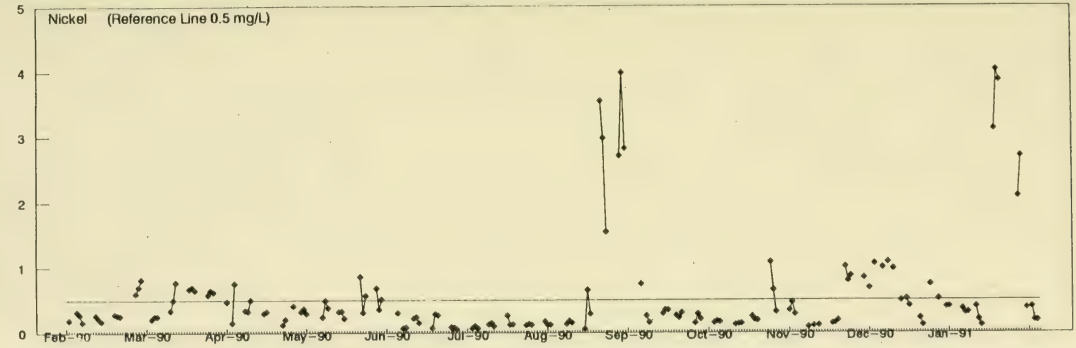
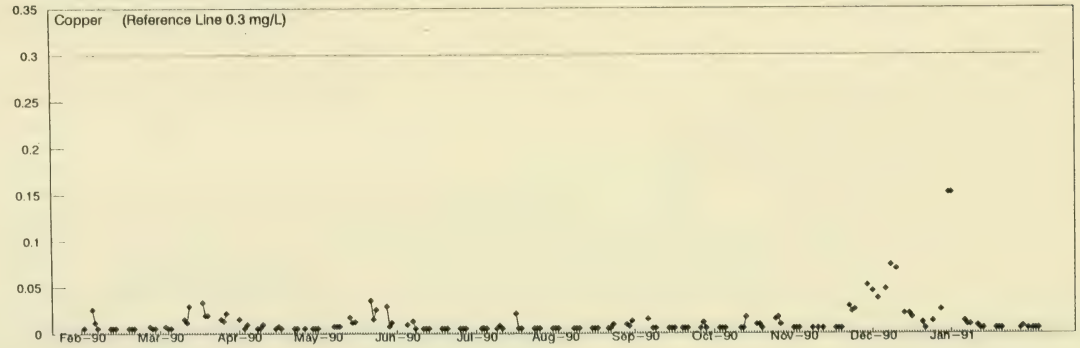

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

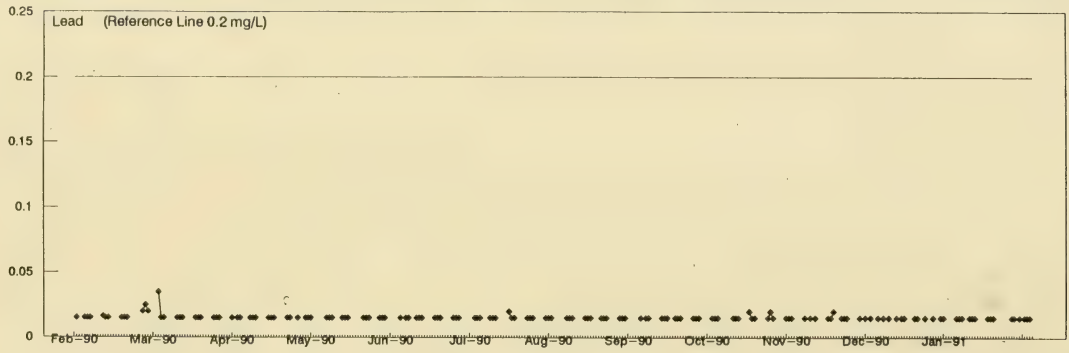

pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91
TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

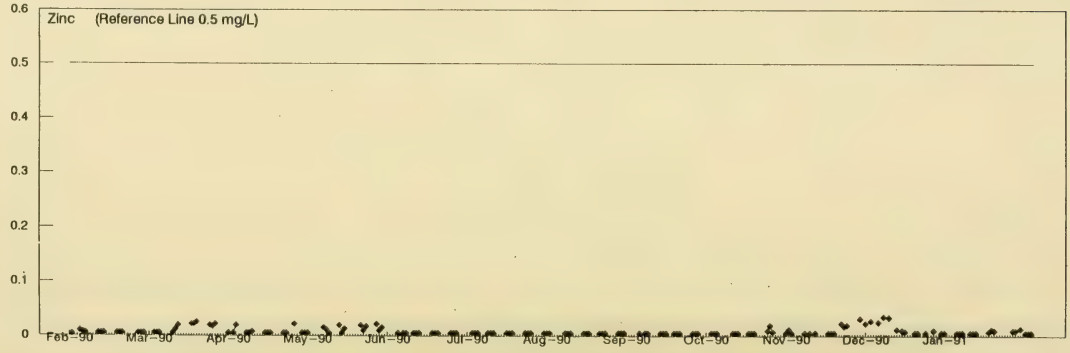
470


Nickel (Reference Line 0.5 mg/L)
5
4
3
2
1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

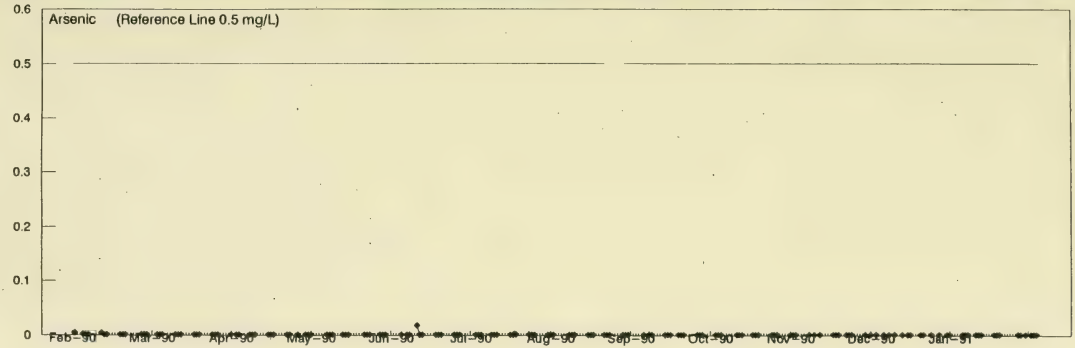

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

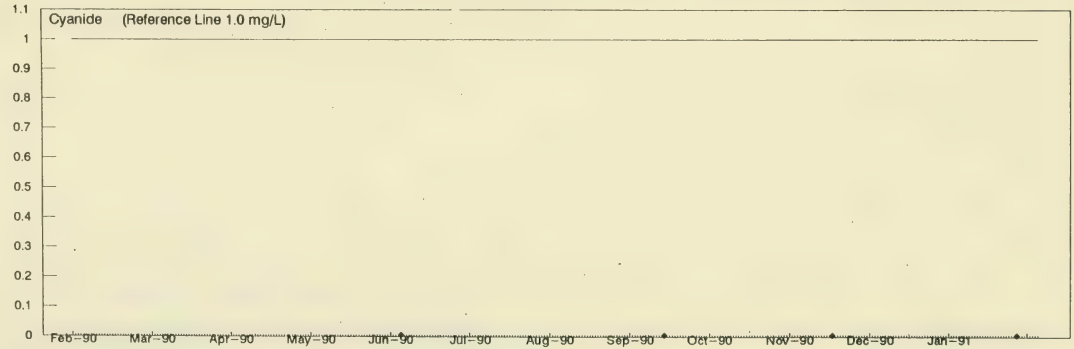
471


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

472


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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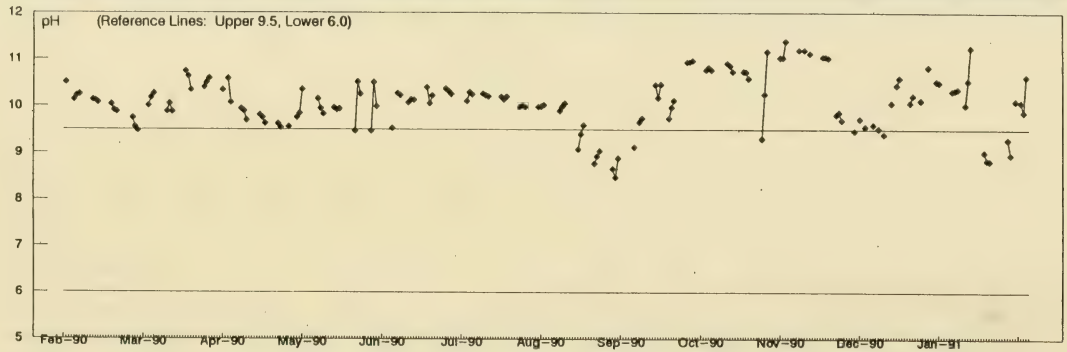
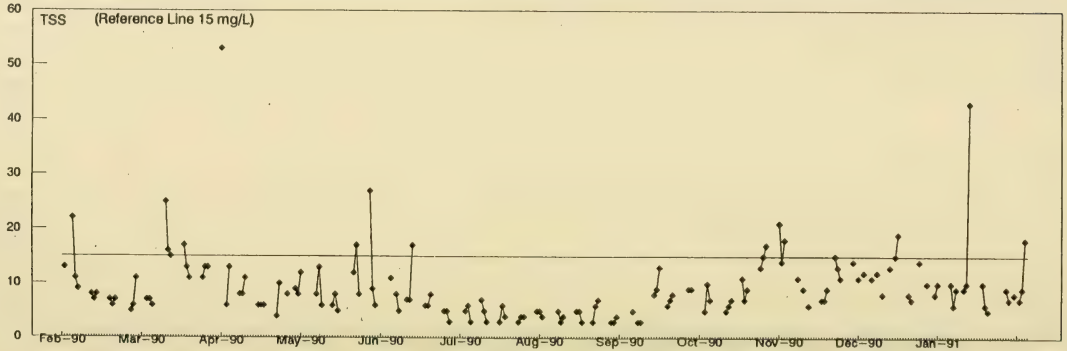

pH
(Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS
(Reference Line 15 mg/L)
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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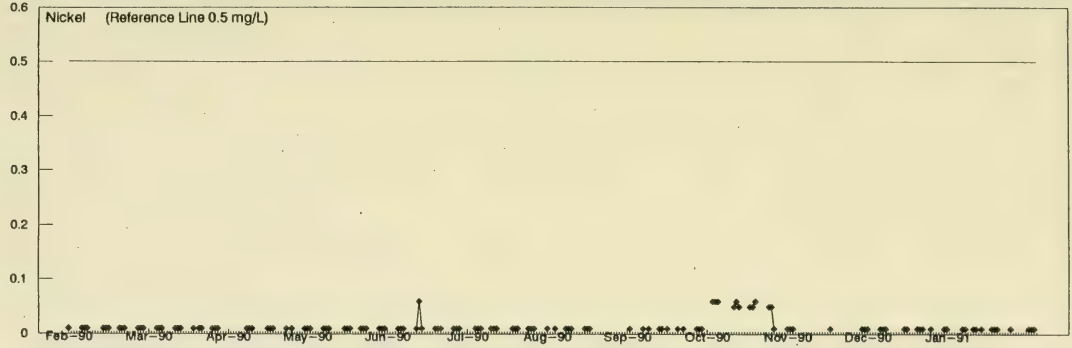
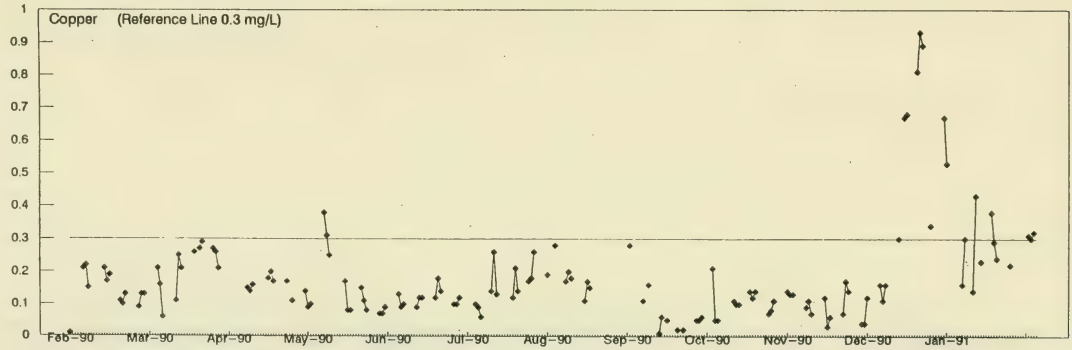
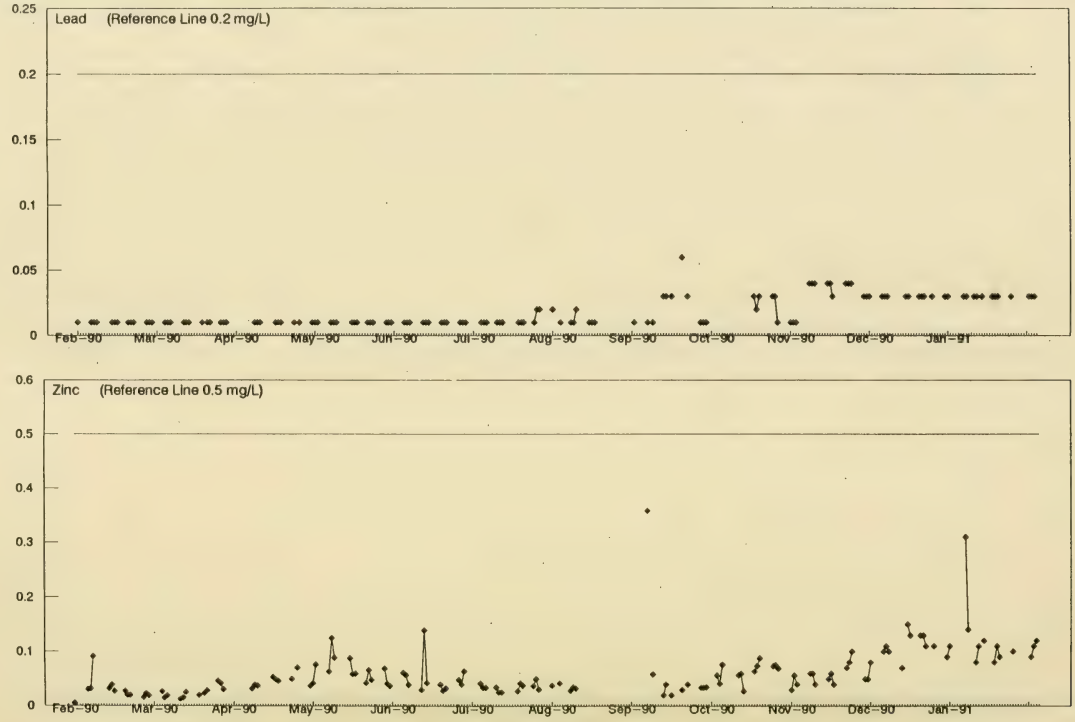
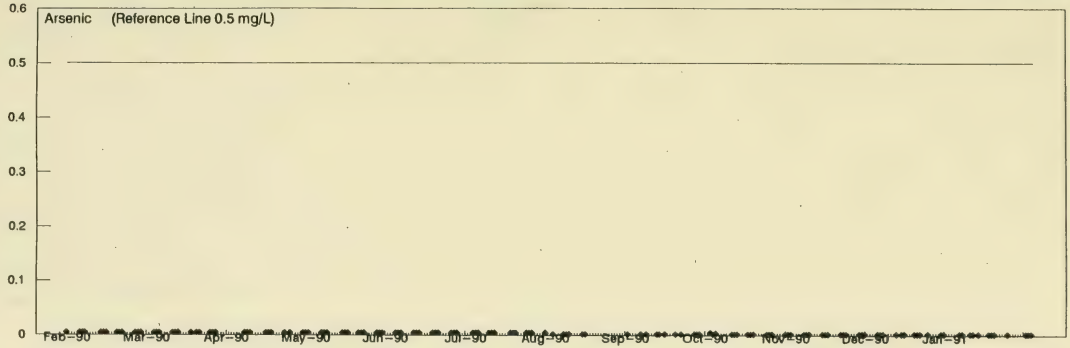

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

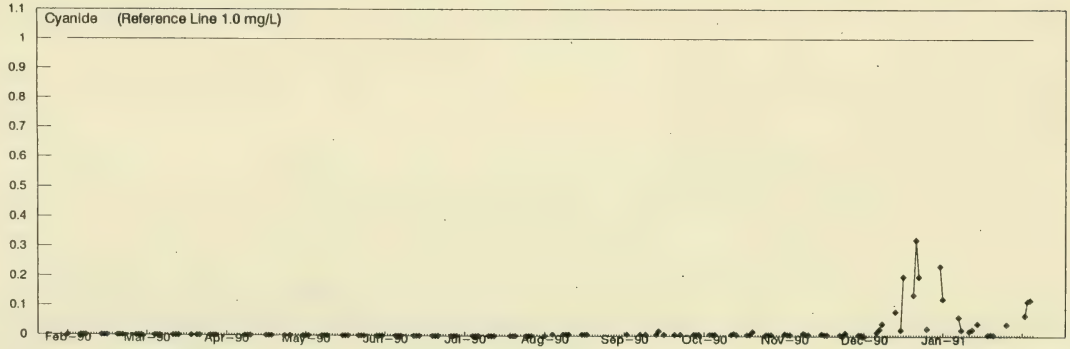

Copper (Reference Line 0.3 mg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

475

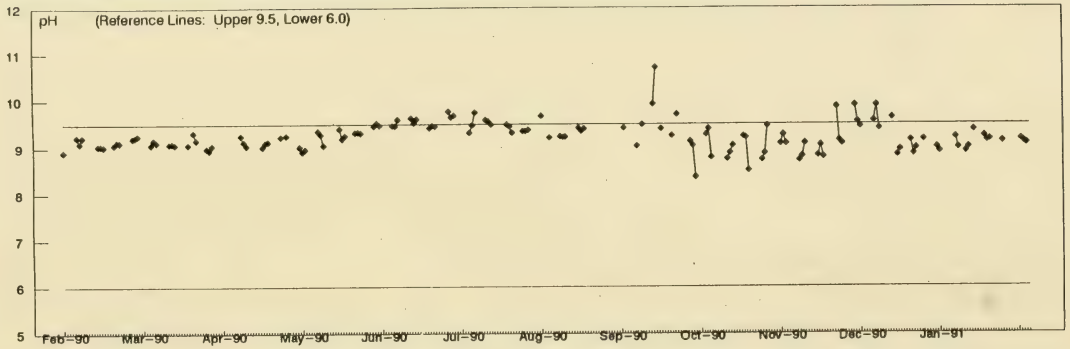

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91
Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

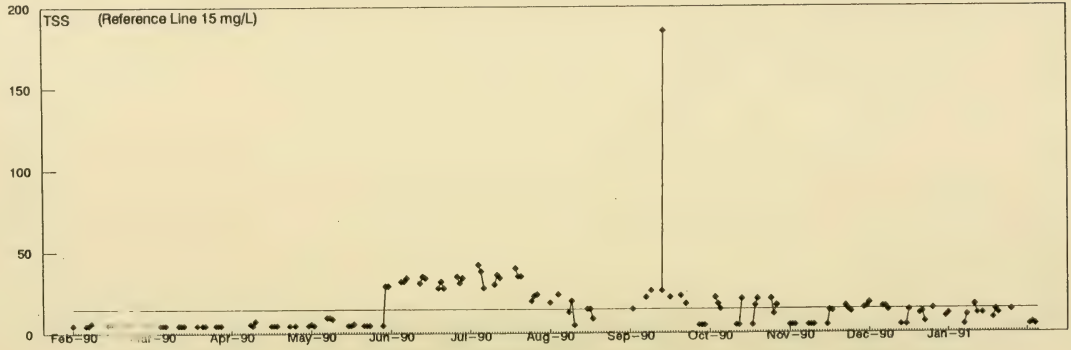
479


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

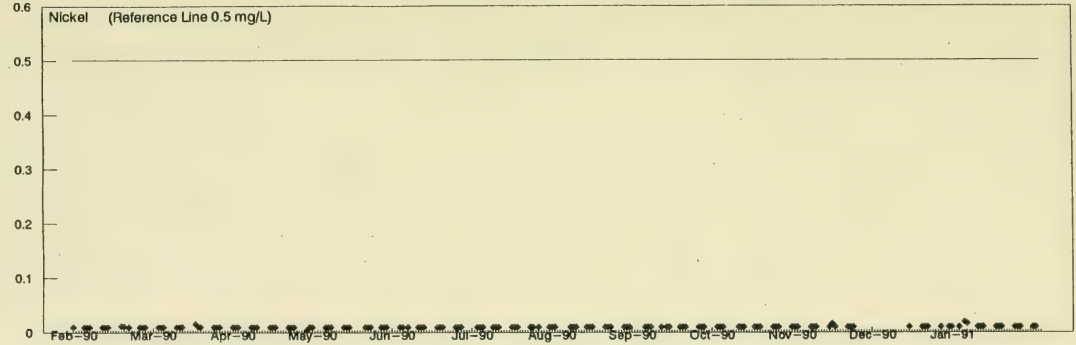

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

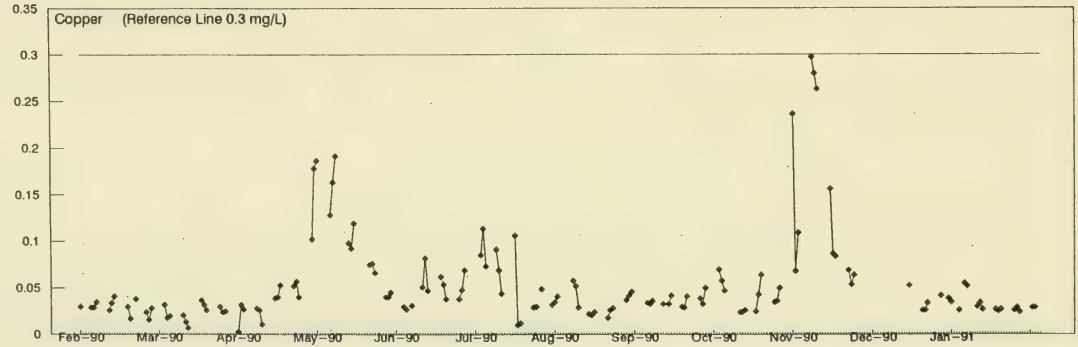
477


pH
(Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

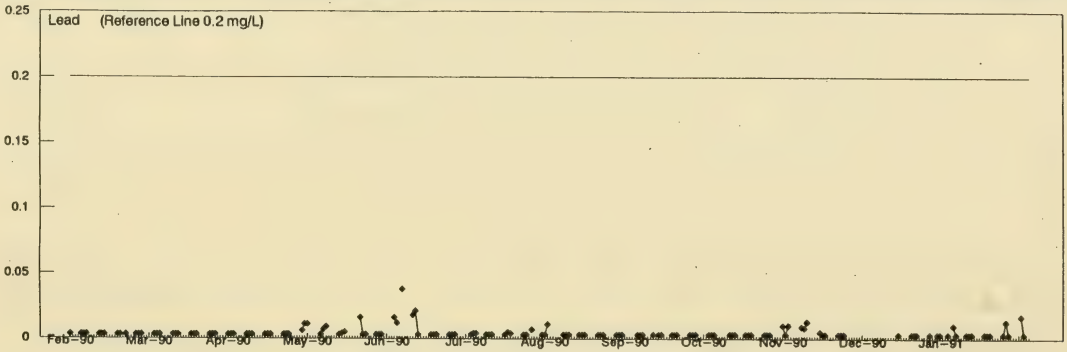

TSS
(Reference Line 15 mg/L)
200
150
100
50
0
Feb–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

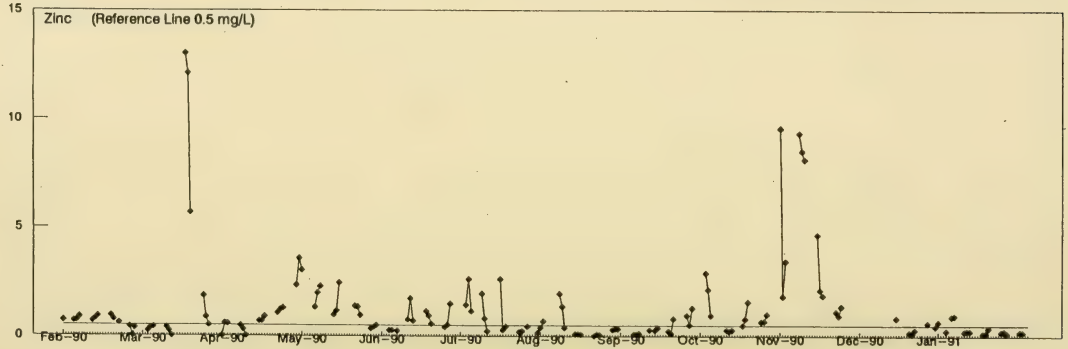
478


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

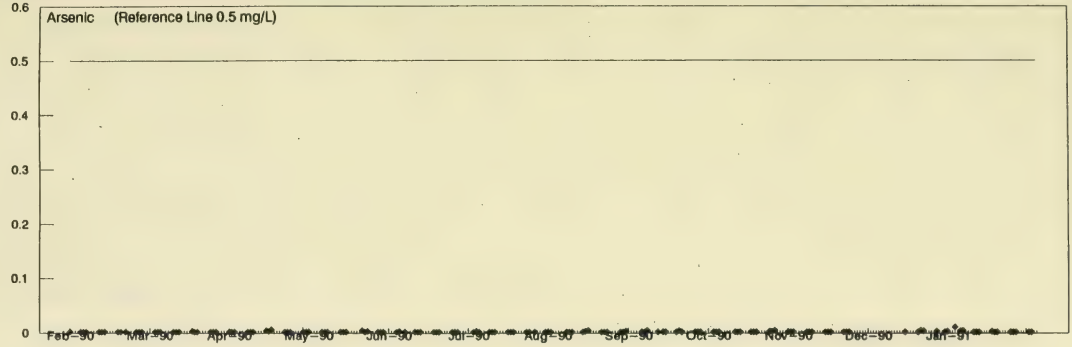

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

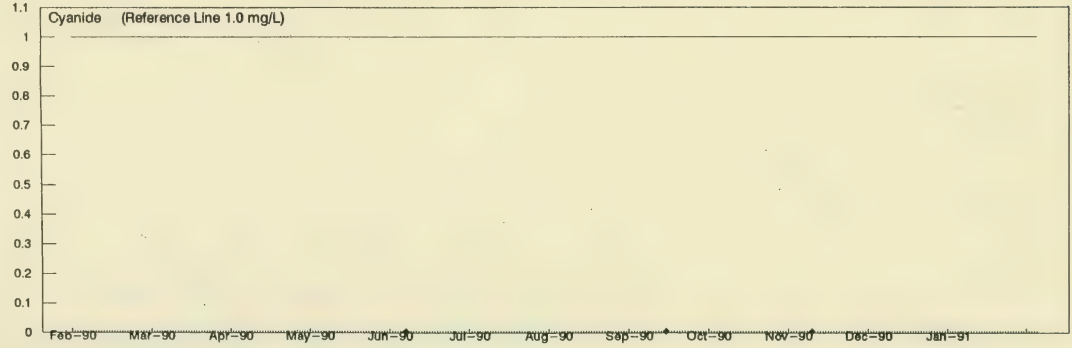
479


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

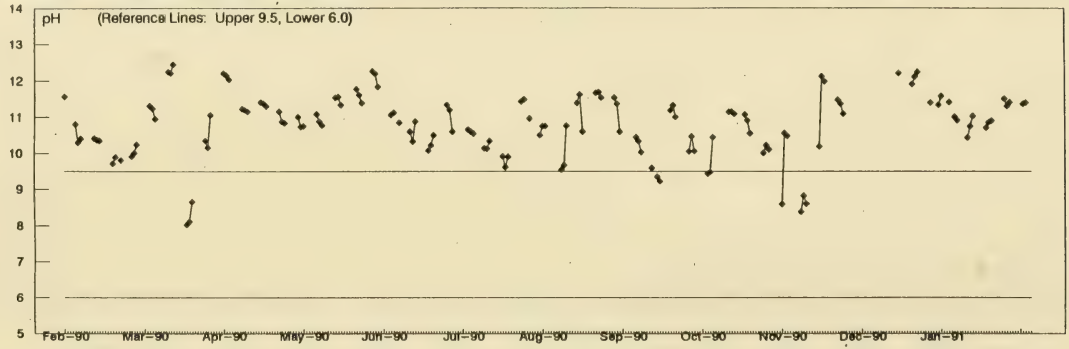

Zinc (Reference Line 0.5 mg/L)
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

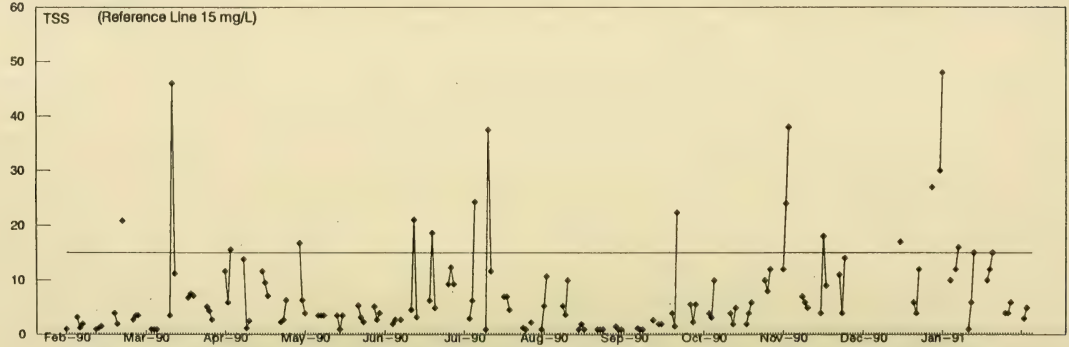
430

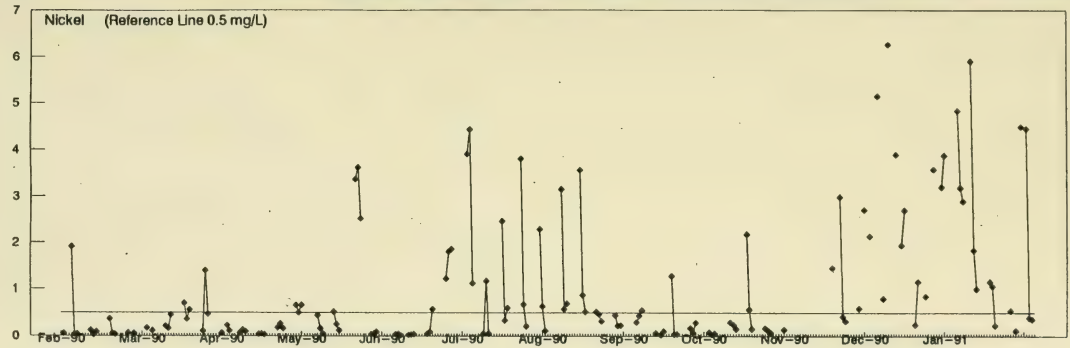

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

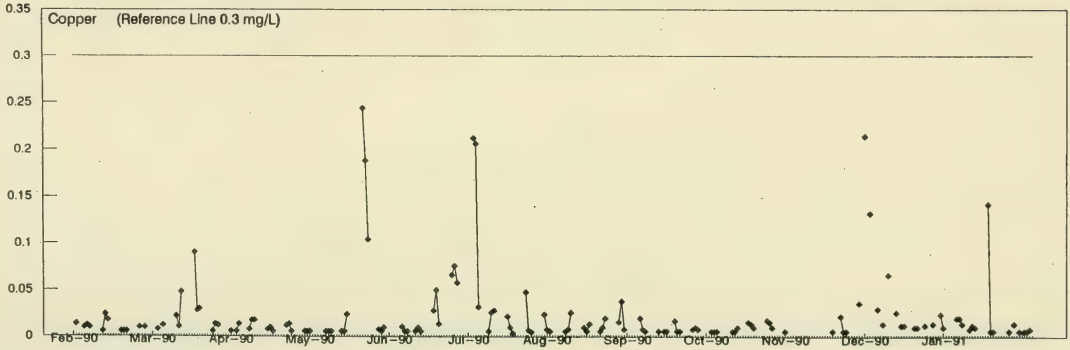

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

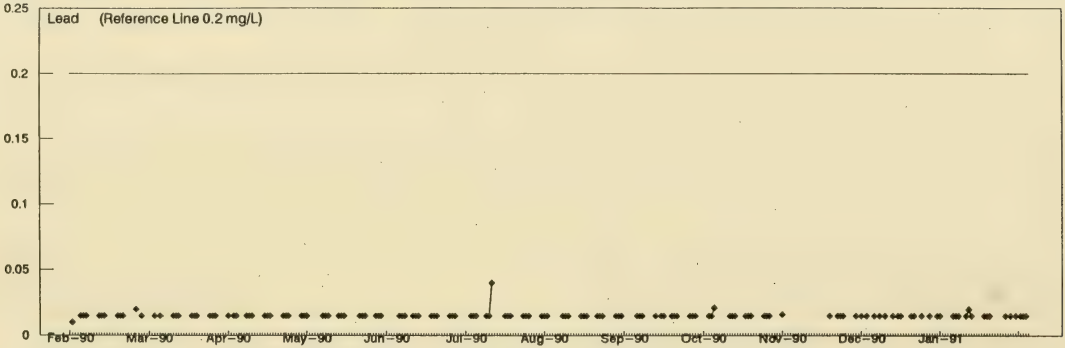
431

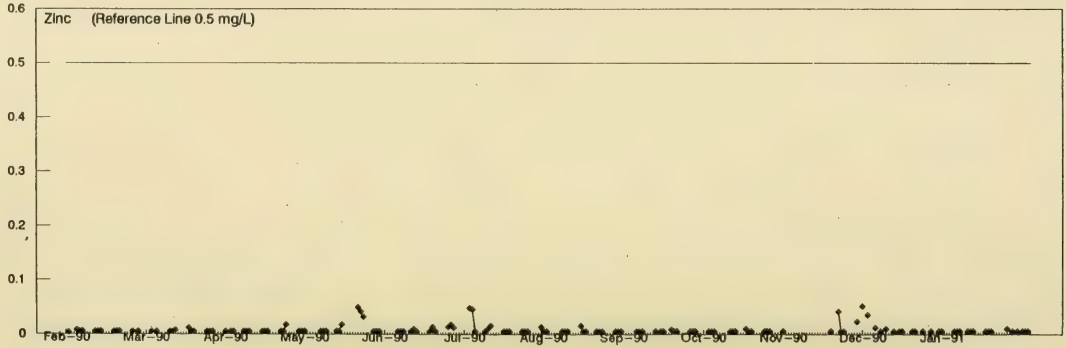

pH
(Reference Lines: Upper 9.5, Lower 6.0)
14
13
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS
(Reference Line 15 mg/L)
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

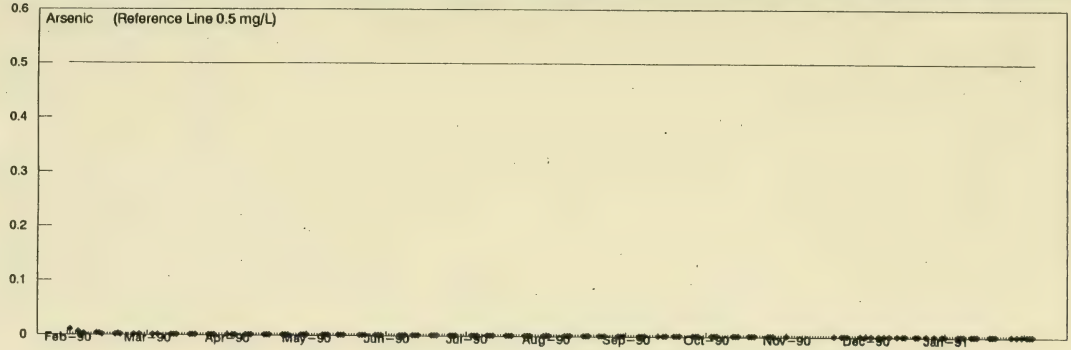

Nickel (Reference Line 0.5 mg/L)
7
6
5
4
3
2
1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

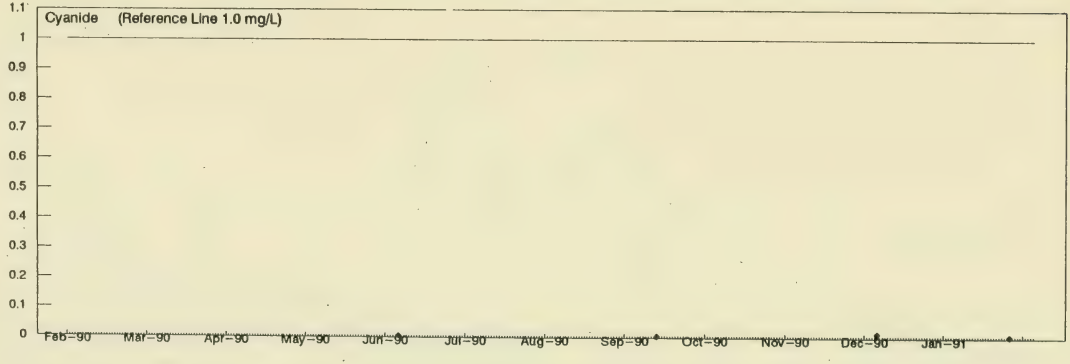

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

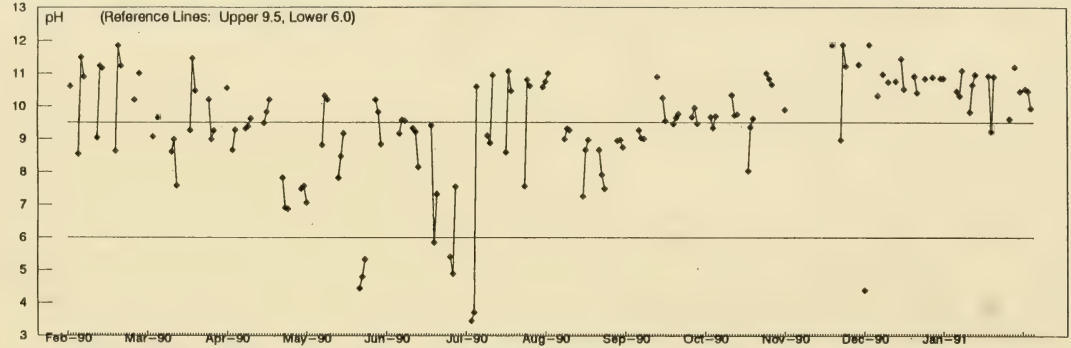

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

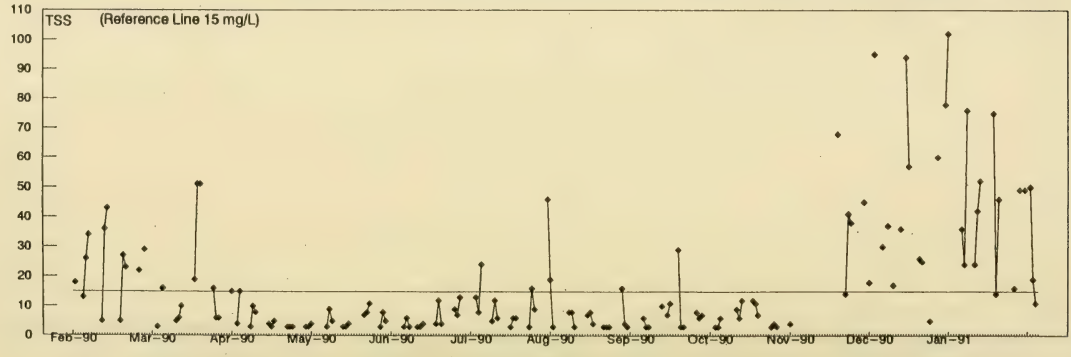
434


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

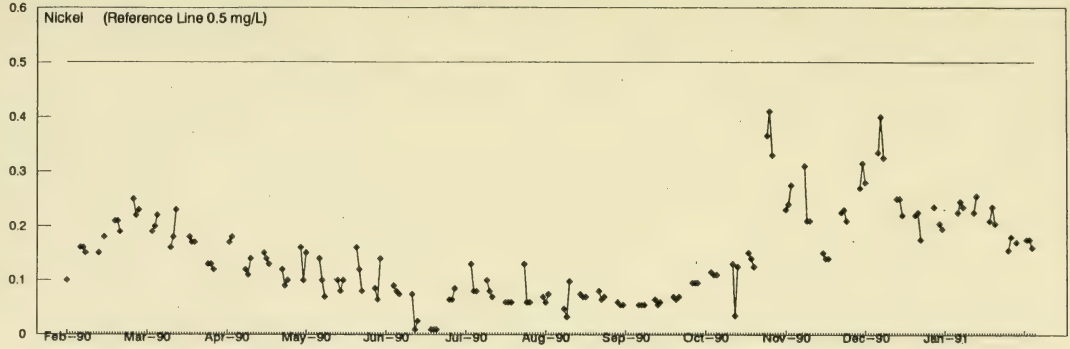

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

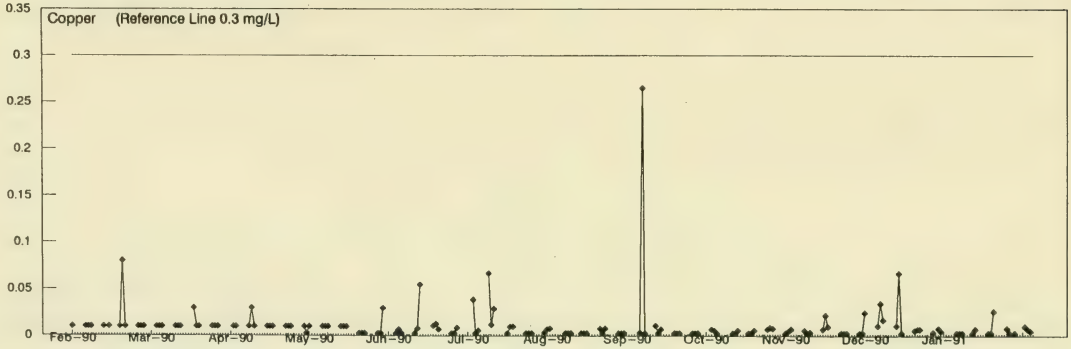
485


pH
(Reference Lines: Upper 9.5, Lower 6.0)
13
12
11
10
9
8
7
6
5
4
3
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

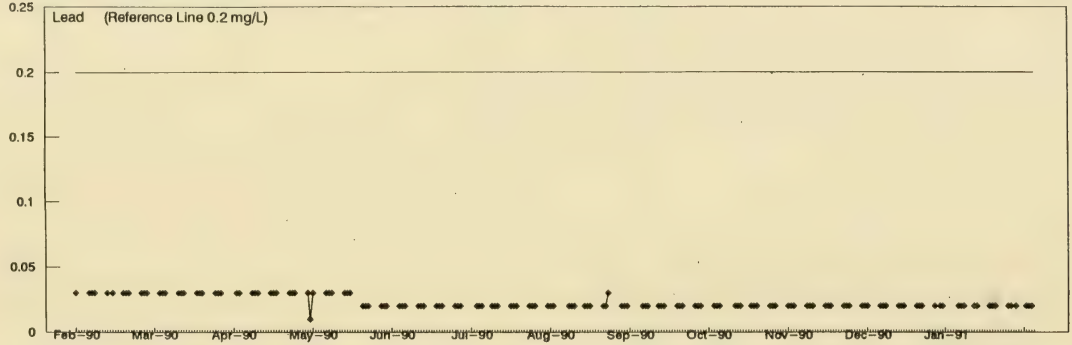

TSS
(Reference Line 15 mg/L)
110
100
90
80
70
60
50
40
30
20
10
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

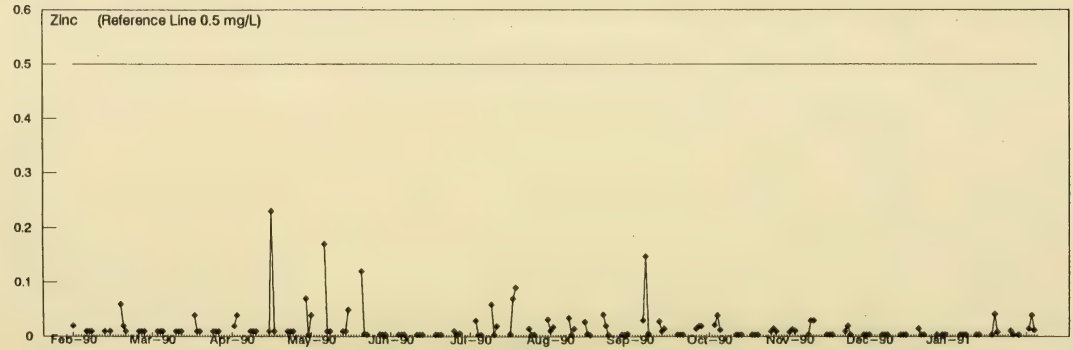
486


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

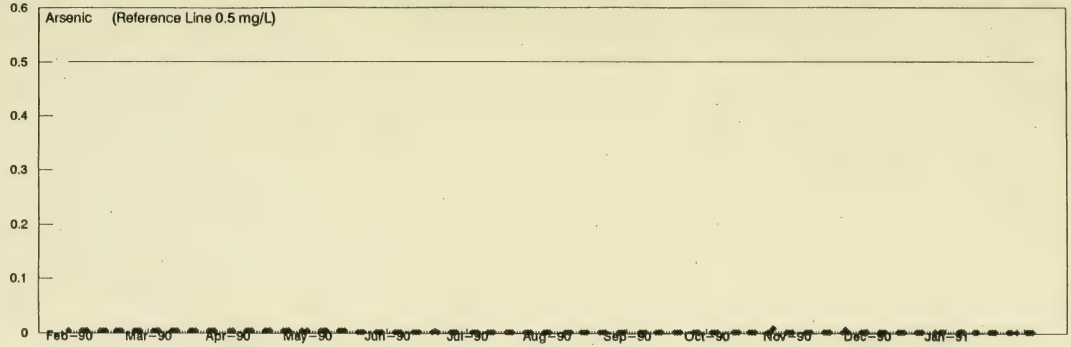

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

487


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

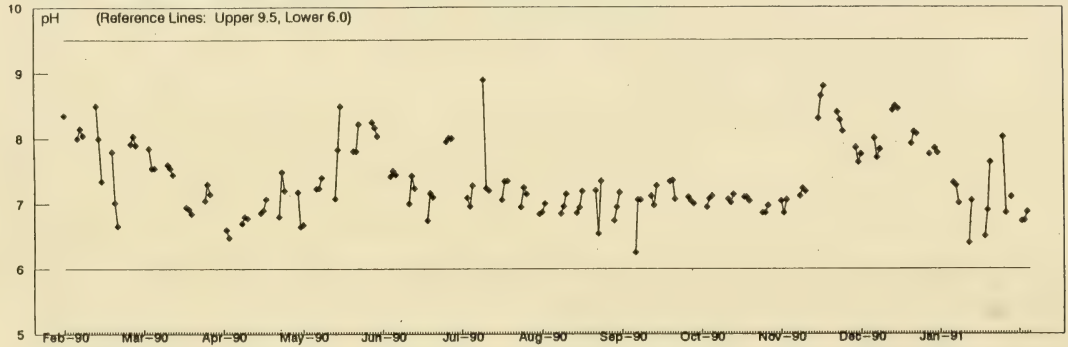

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

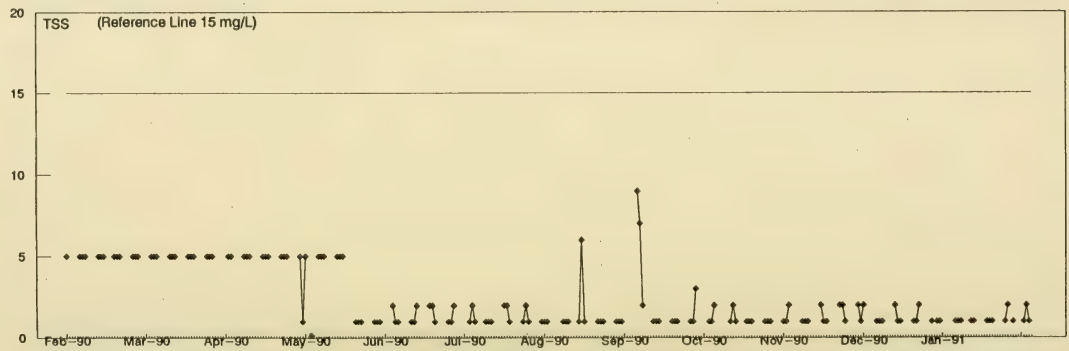
488


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

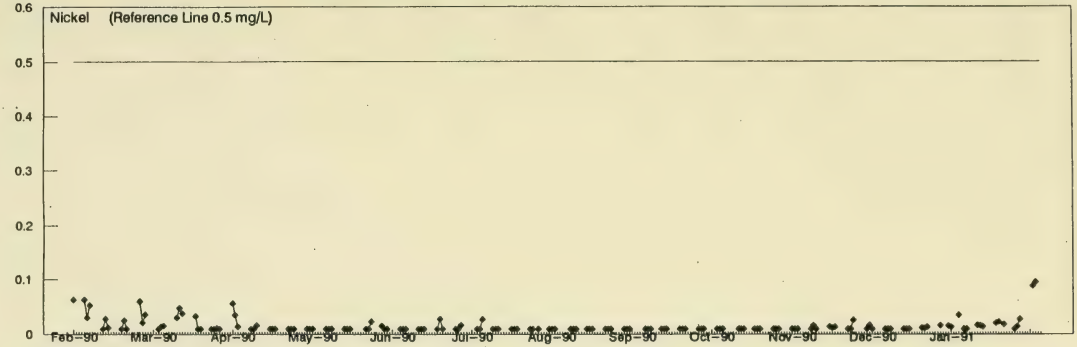
Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

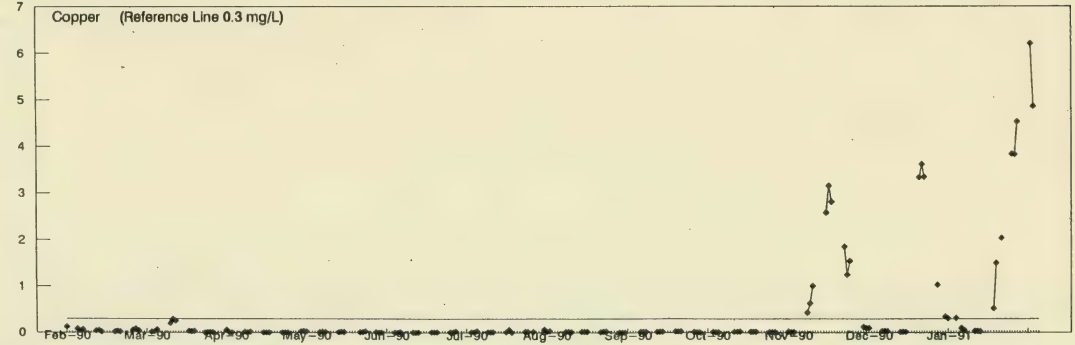
489


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

490


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
7
6
5
4
3
2
1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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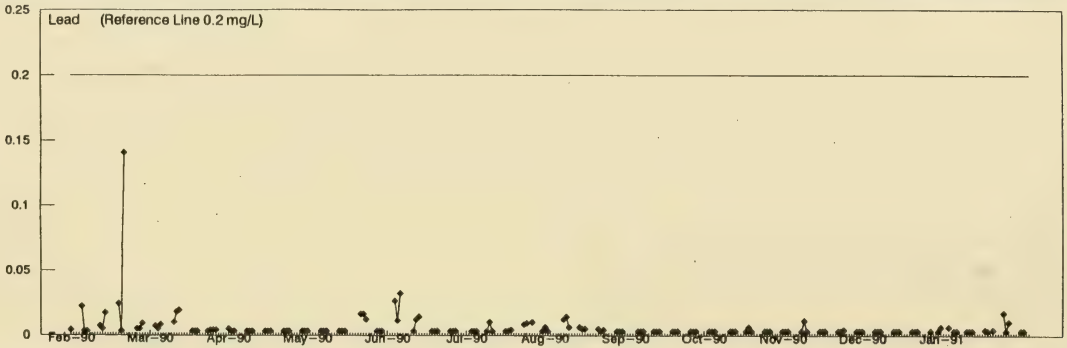
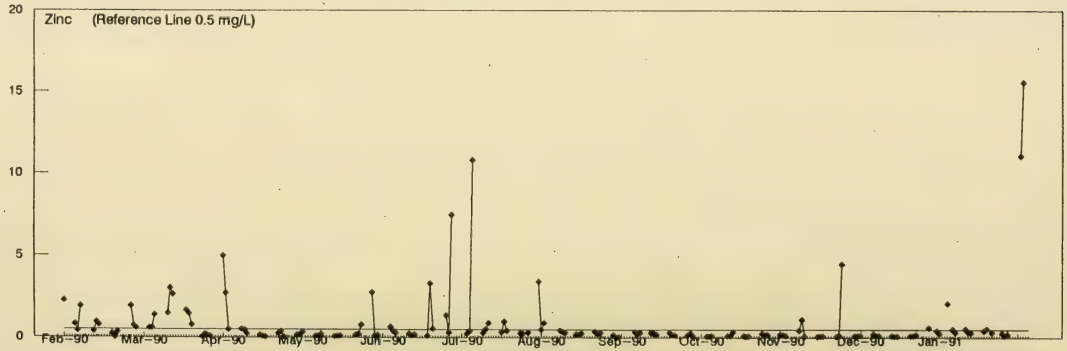
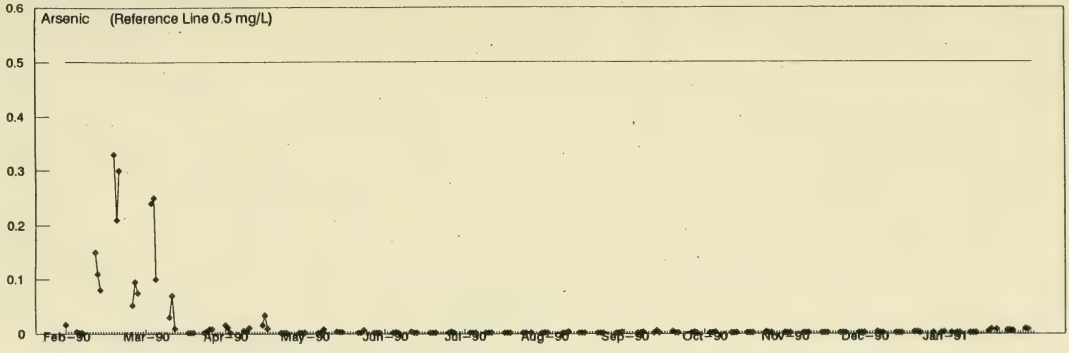
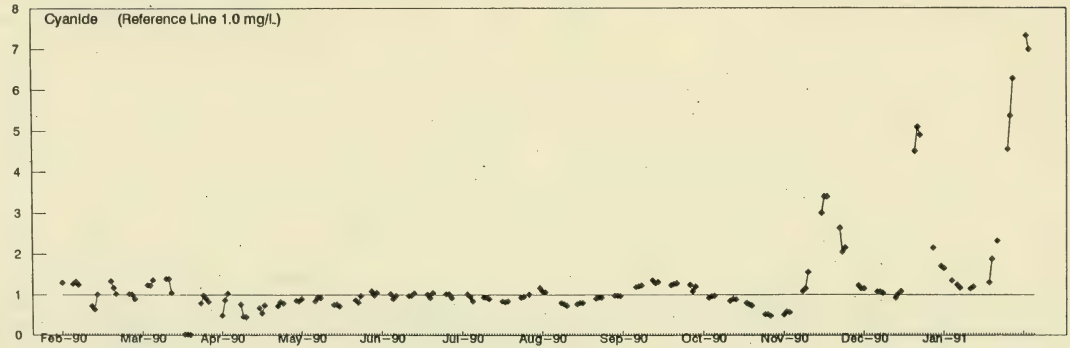
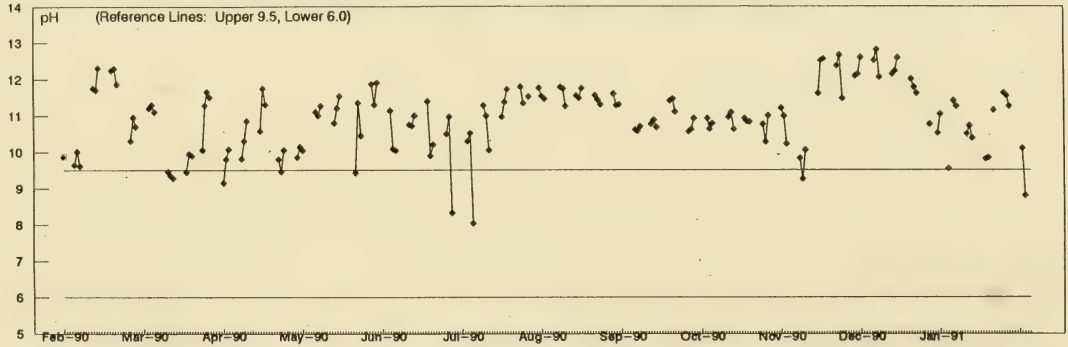

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

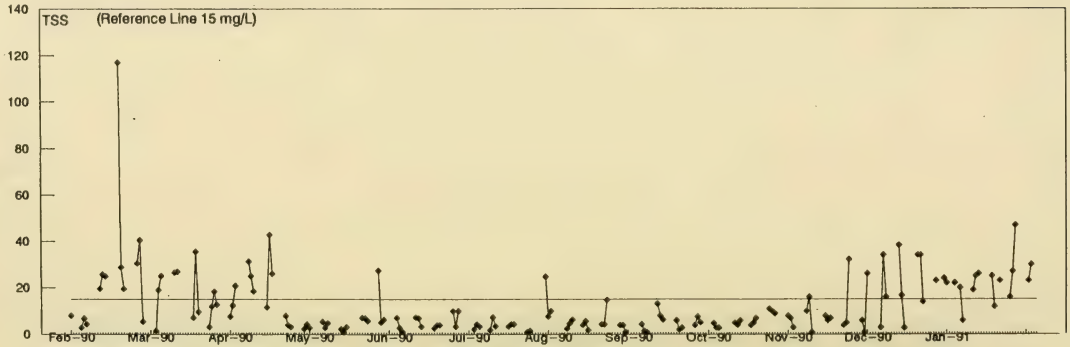

Zinc (Reference Line 0.5 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

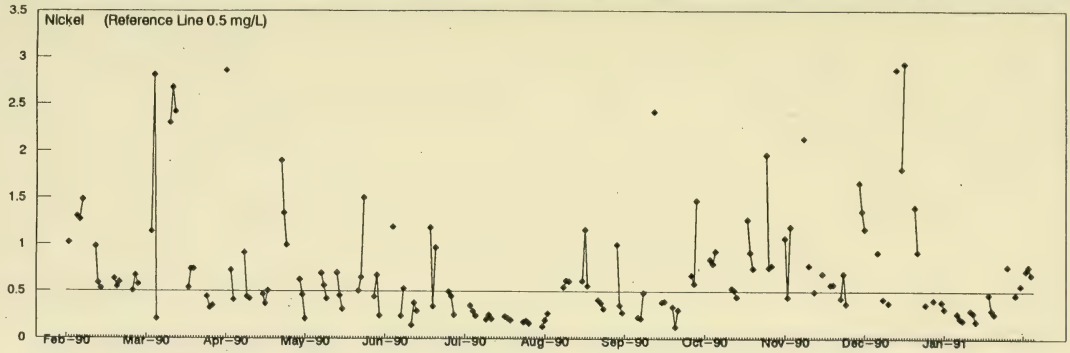

Cyanide (Reference Line 1.0 mg/L)
8
7
6
5
4
3
2
1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

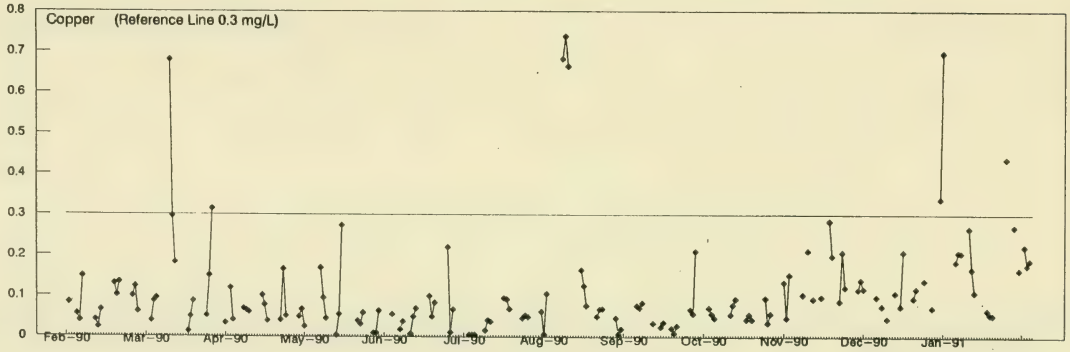
4493

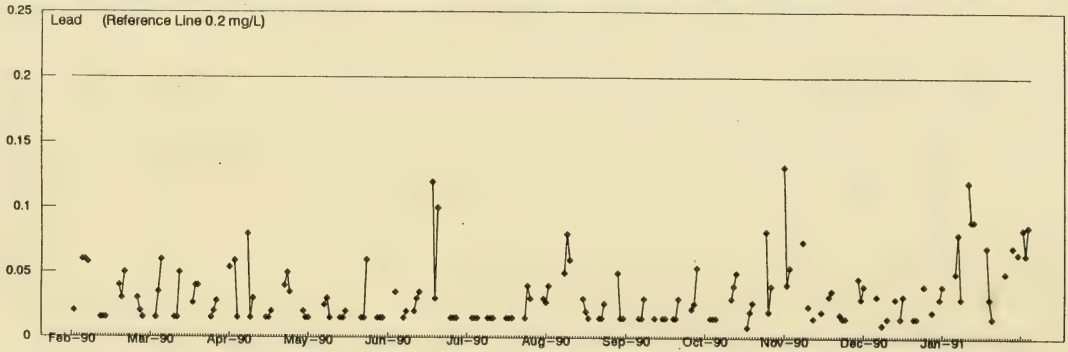

pH
(Reference Lines: Upper 9.5, Lower 6.0)
14
13
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

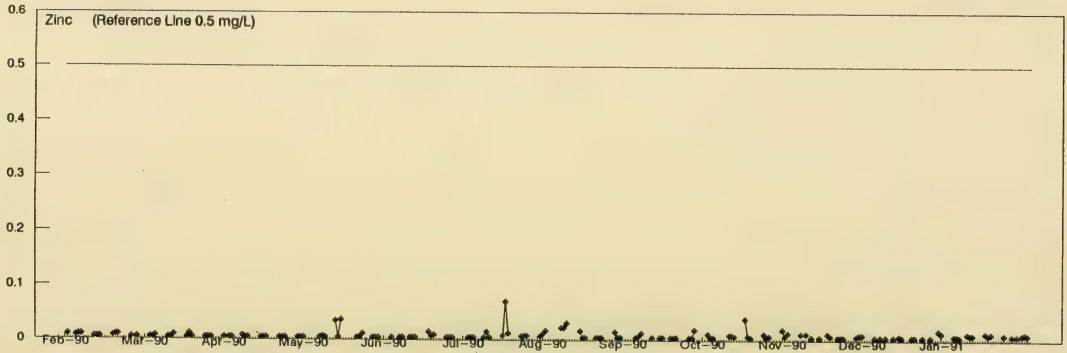

TSS
(Reference Line 15 mg/L)
140
120
100
80
60
40
20
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

494

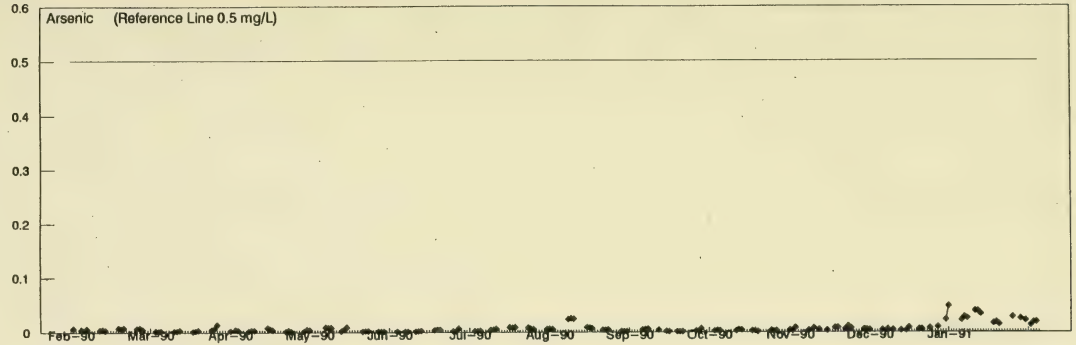

Nickel (Reference Line 0.5 mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

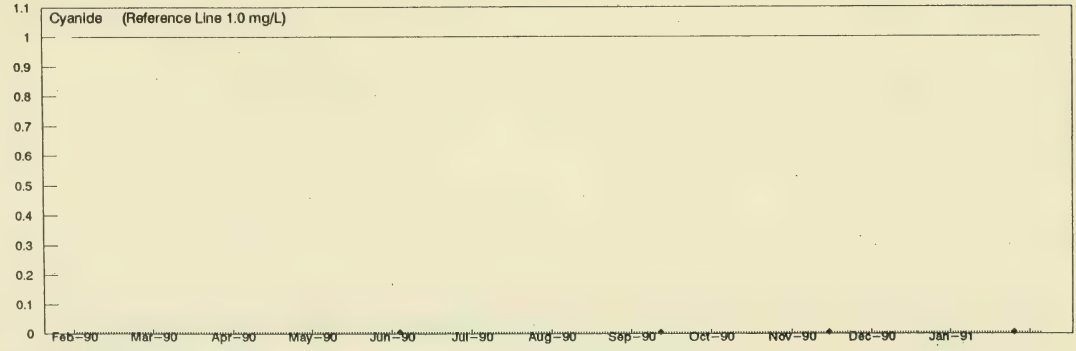

Copper (Reference Line 0.3 mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

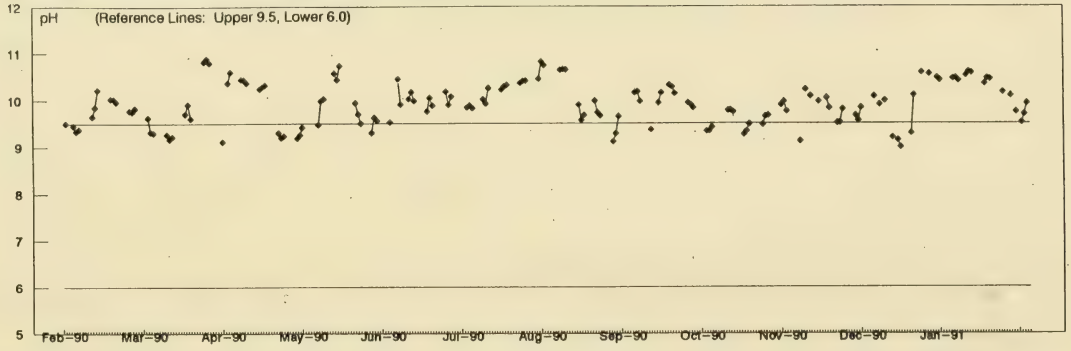

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

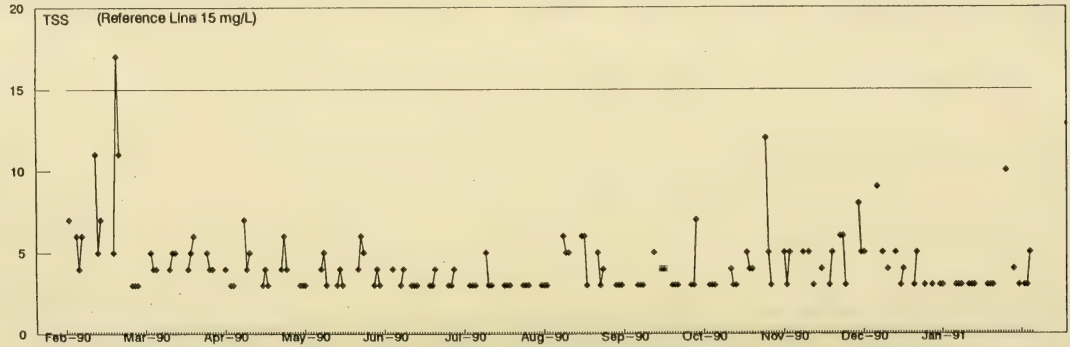
496

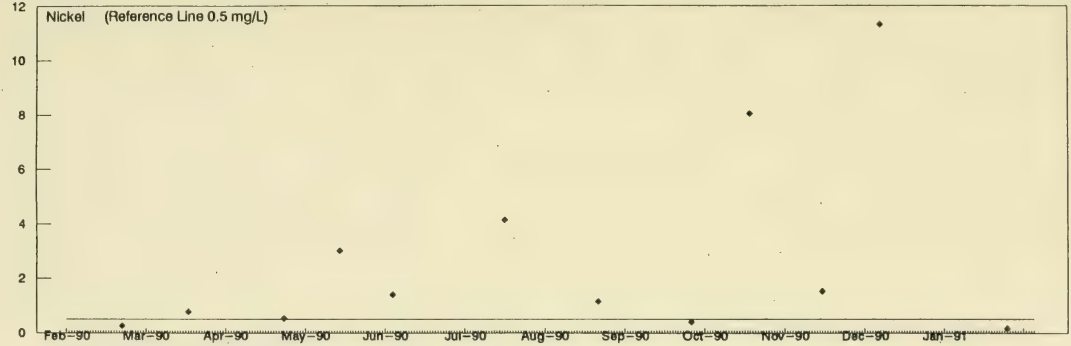

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

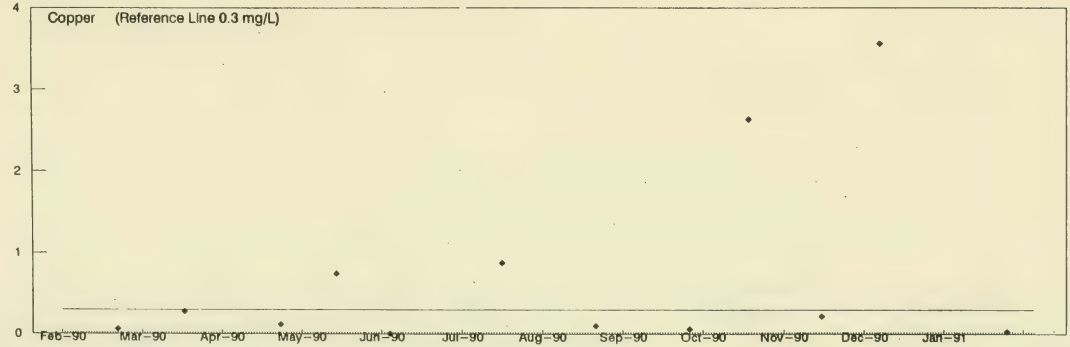

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

497

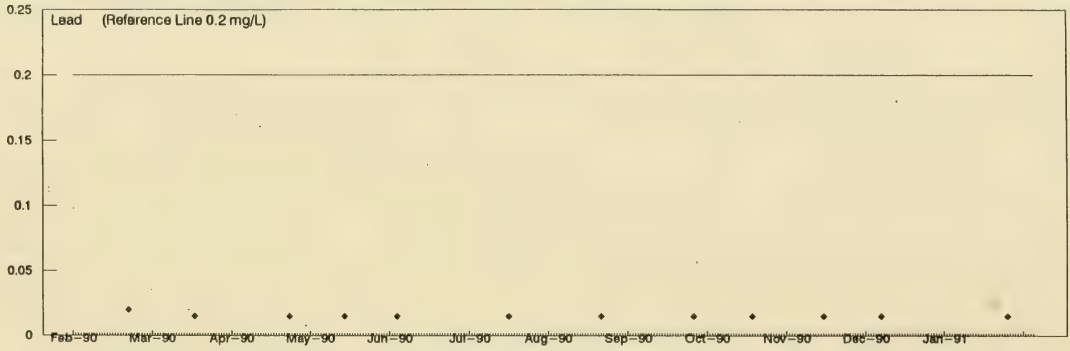

pH (Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

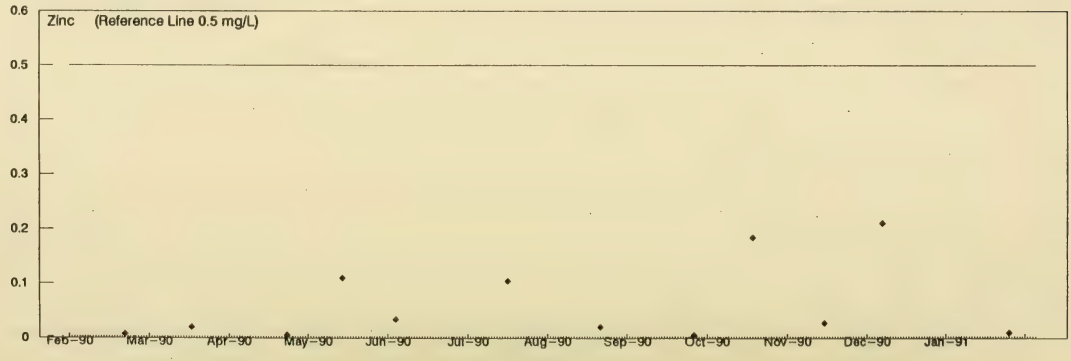

TSS (Reference Lina 15 mg/L)
20
15
10
5
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

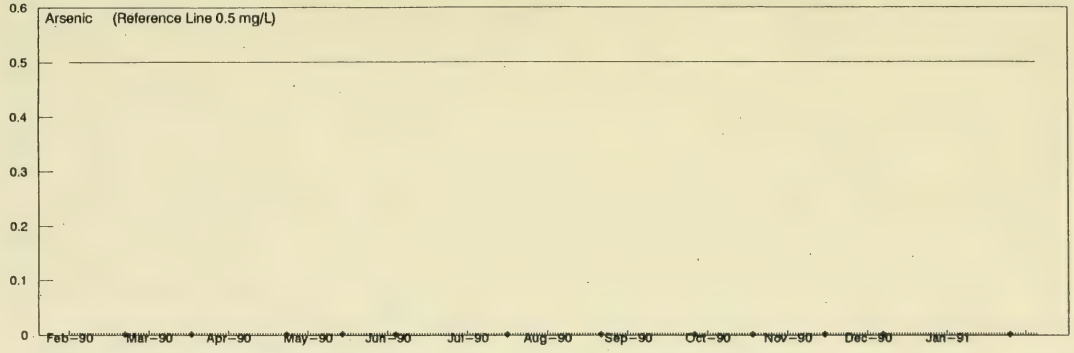

Nickel (Reference Line 0.5 mg/L)
12
10
8
6
4
2
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

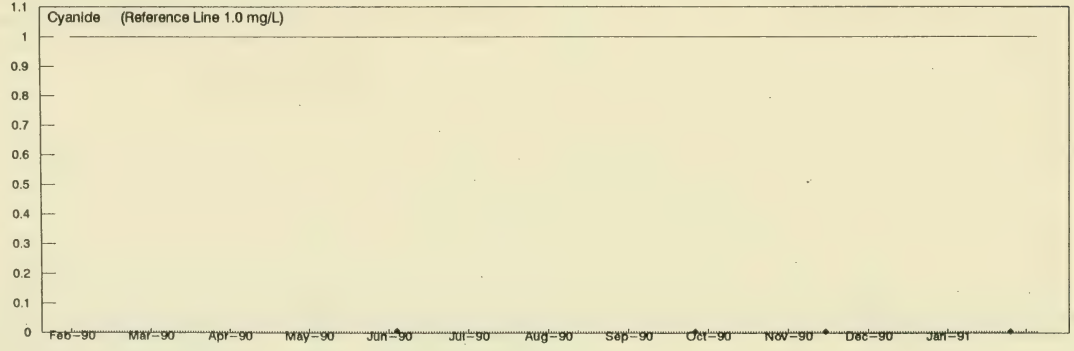

Copper (Reference Line 0.3 mg/L)
4
3
2
1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

499

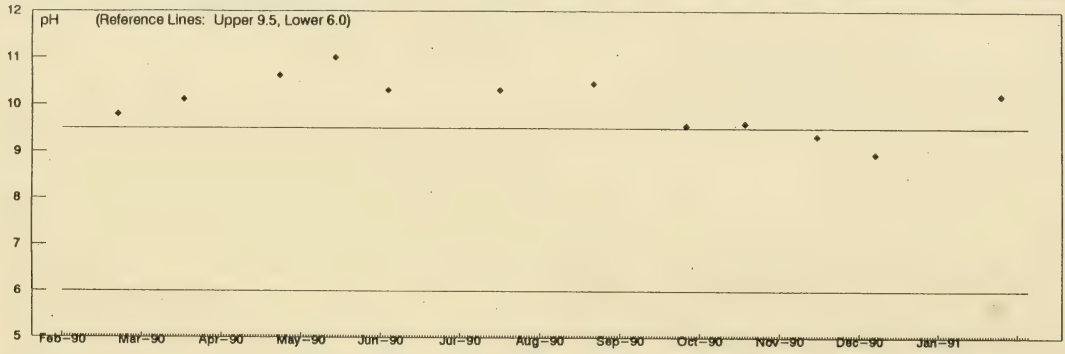

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

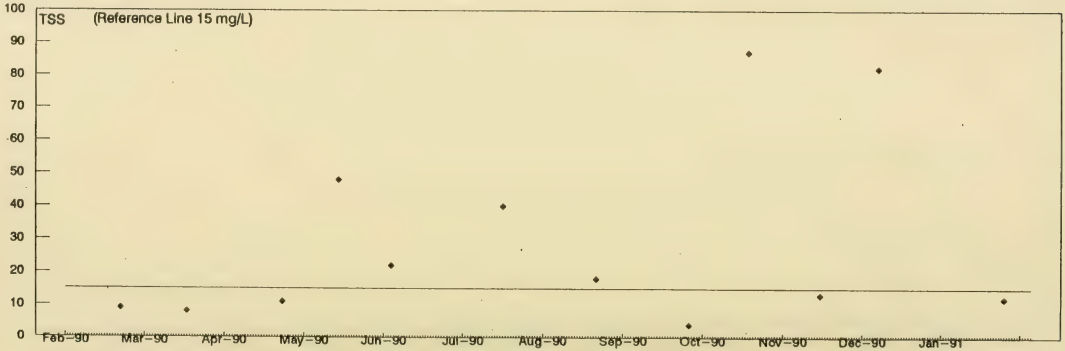

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

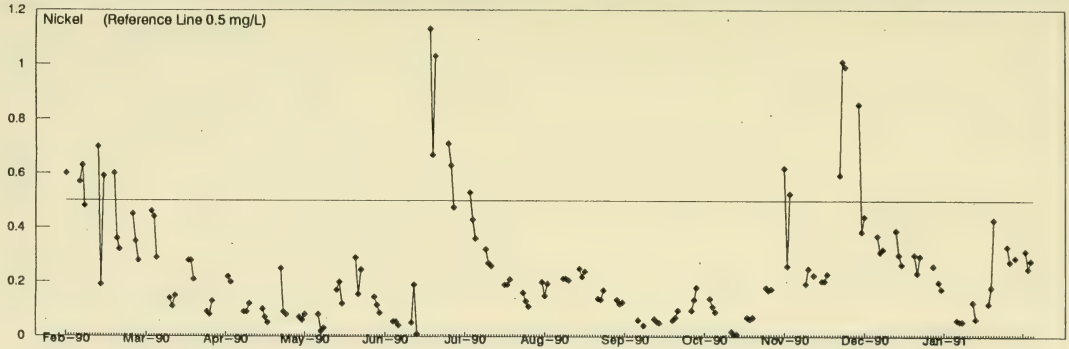

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

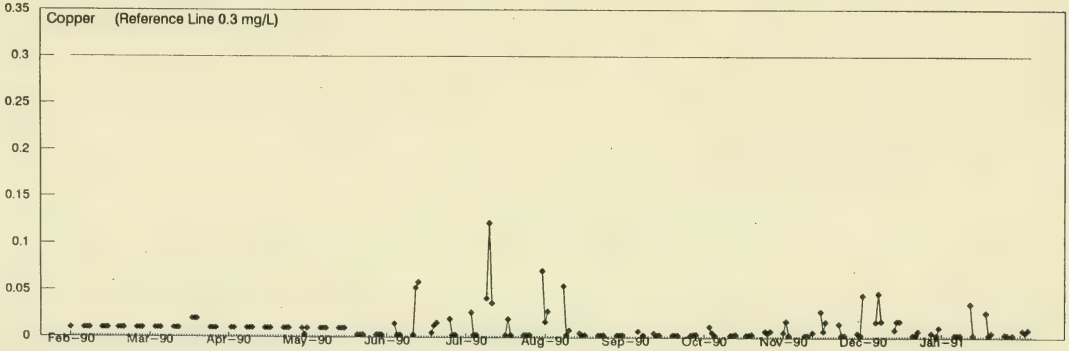
501

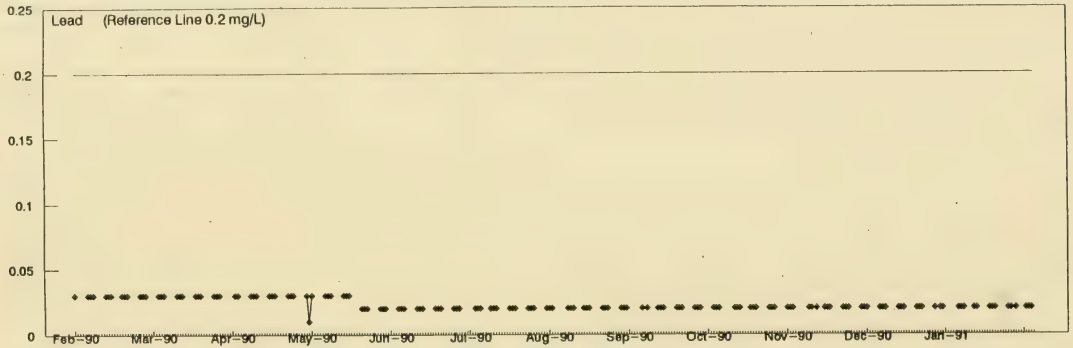

pH (Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

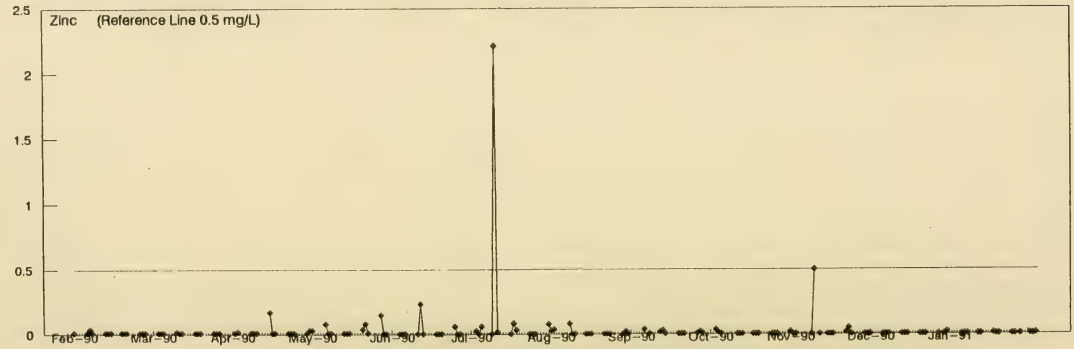

TSS (Reference Line 15 mg/L)
100
90
80
70
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

502

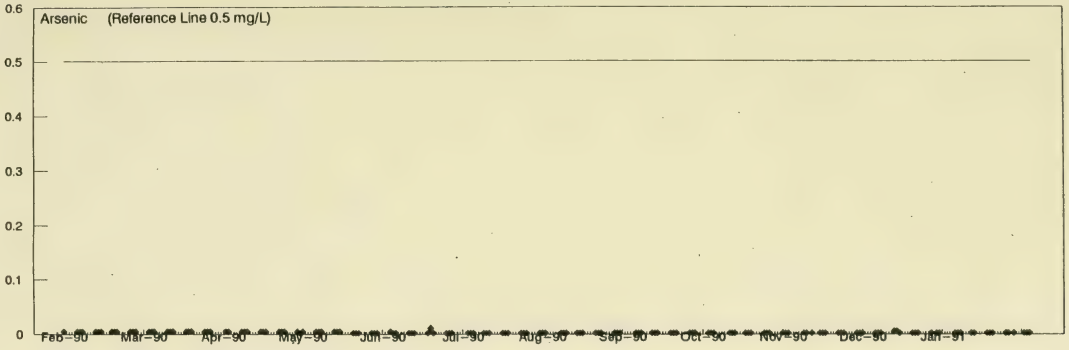

Nickel (Reference Line 0.5 mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

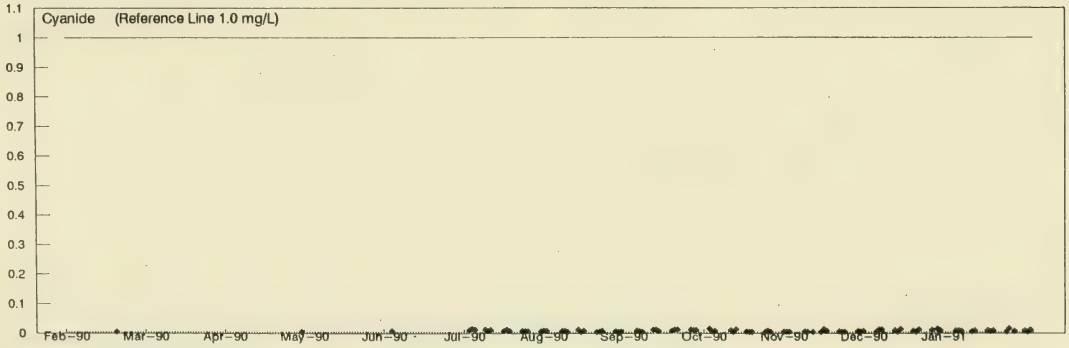

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

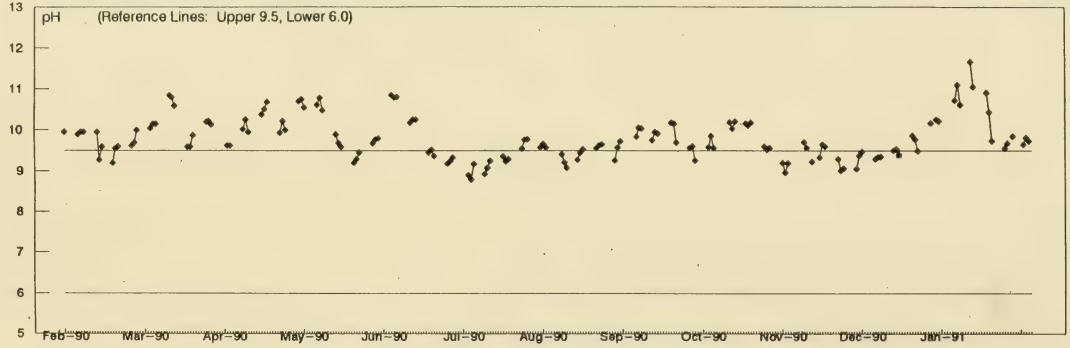

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

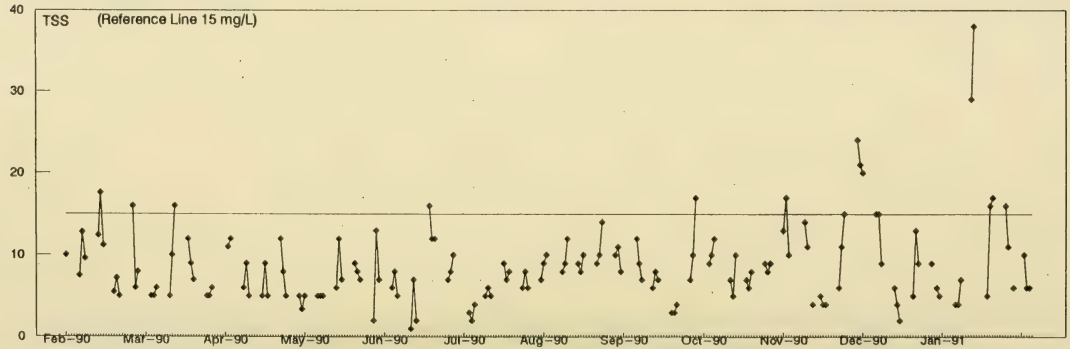

Zinc (Reference Line 0.5 mg/L)
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

504

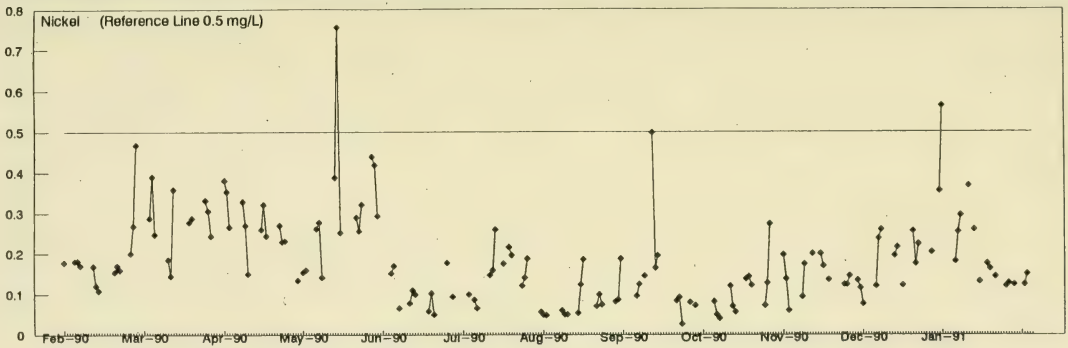

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

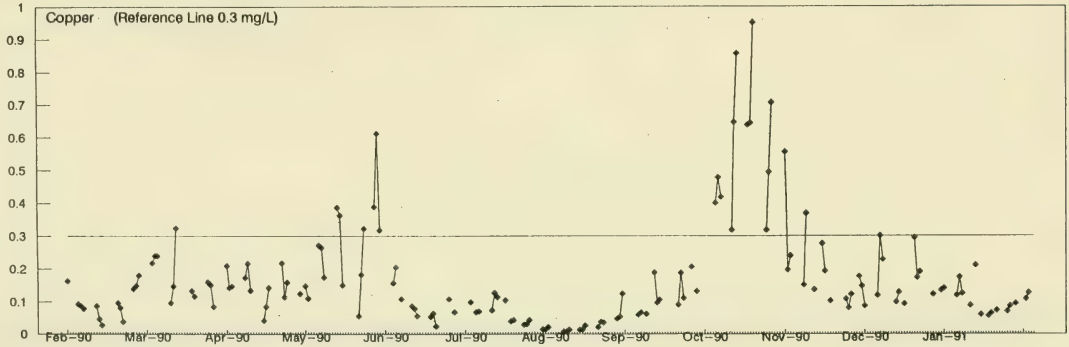

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


pH
(Reference Lines: Upper 9.5, Lower 6.0)
13
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

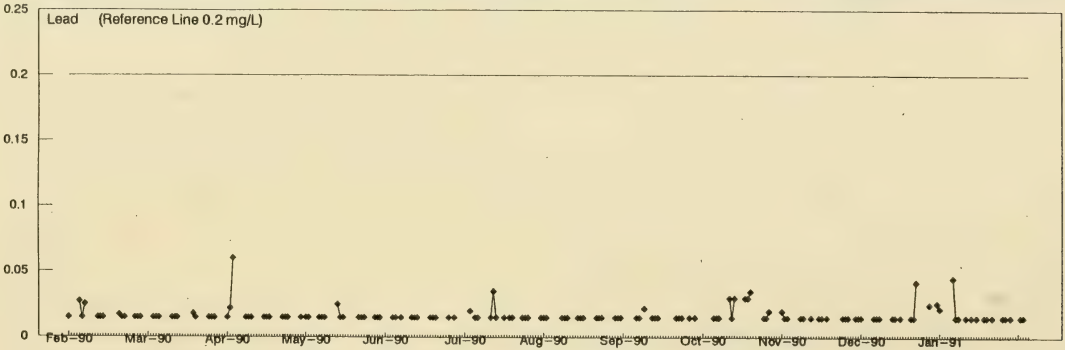

TSS
(Reference Line 15 mg/L)
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

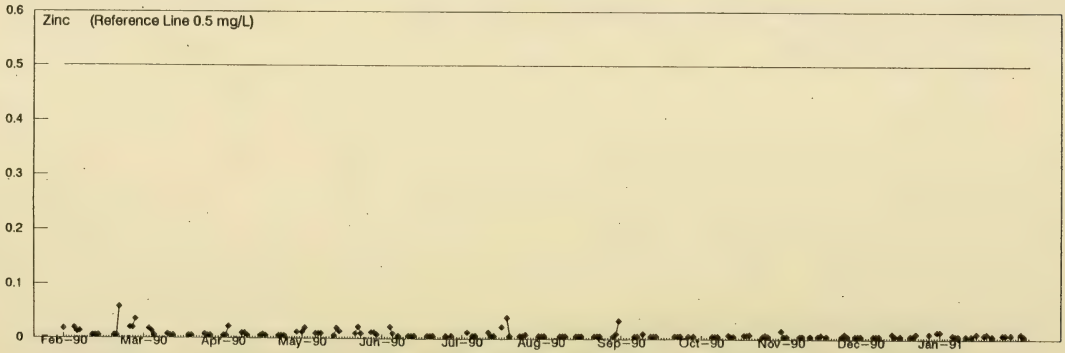
506


Nickel (Reference Line 0.5 mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

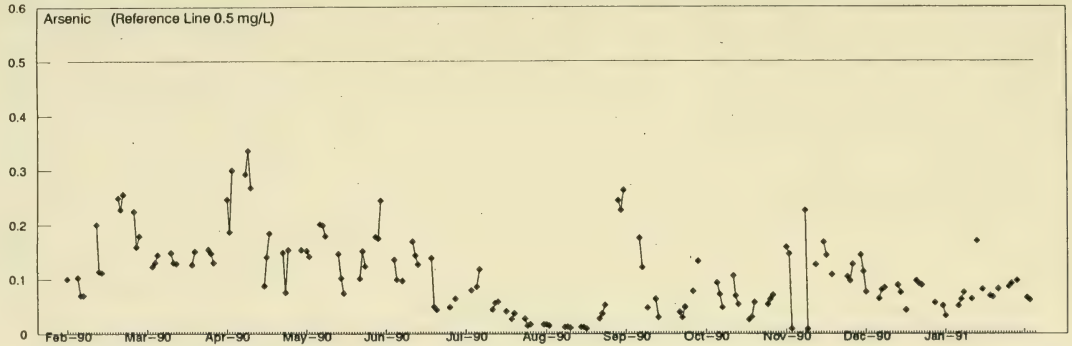

Copper (Reference Line 0.3 mg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

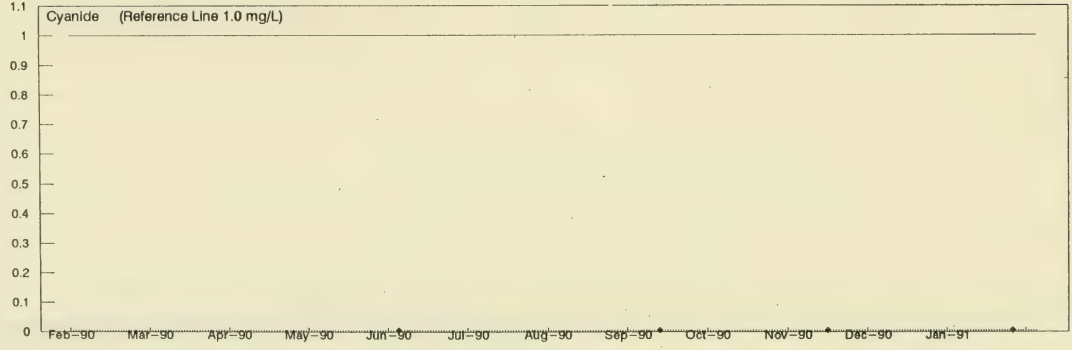
5507


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

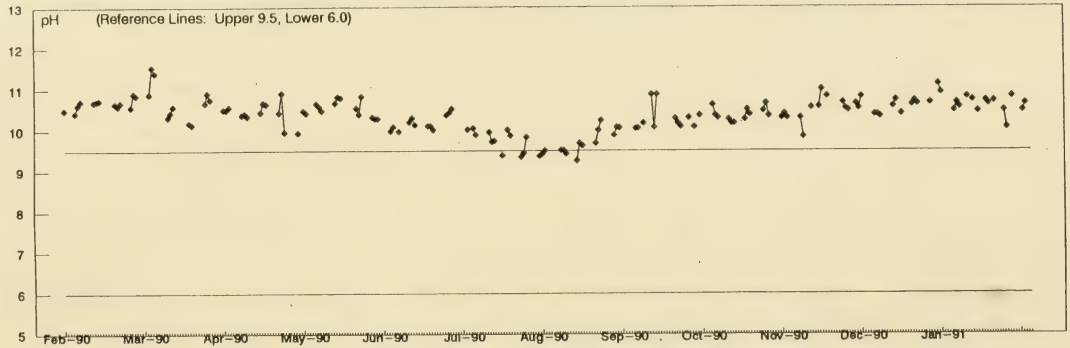

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

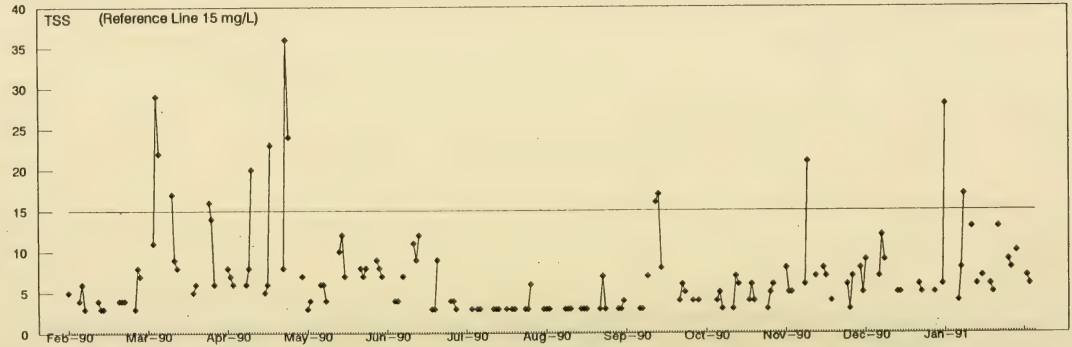
508


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

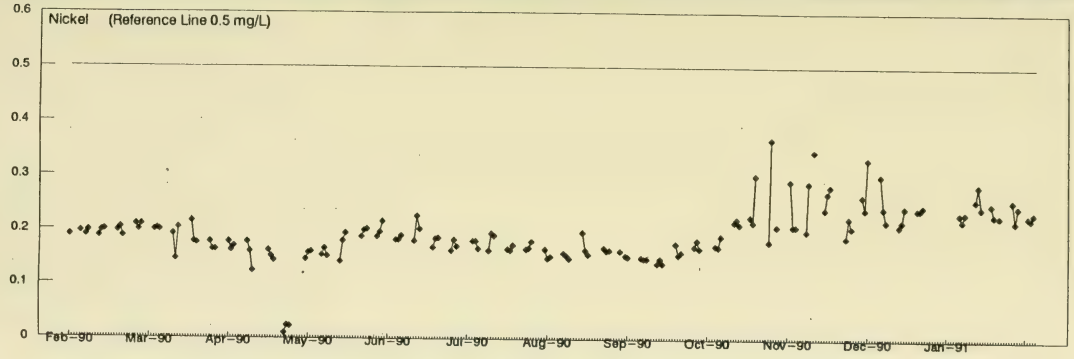

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

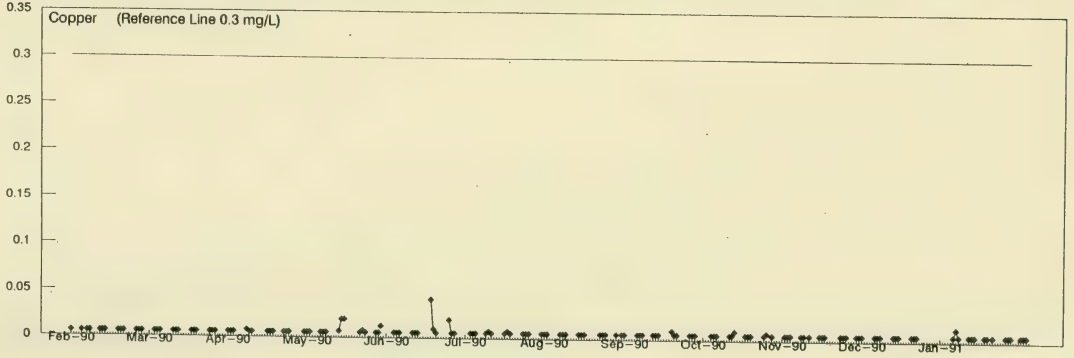
509

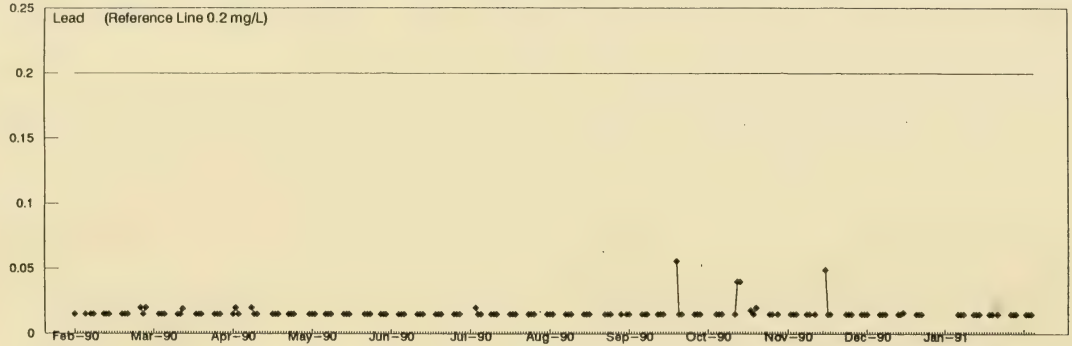

pH
(Reference Lines: Upper 9.5, Lower 6.0)
13
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

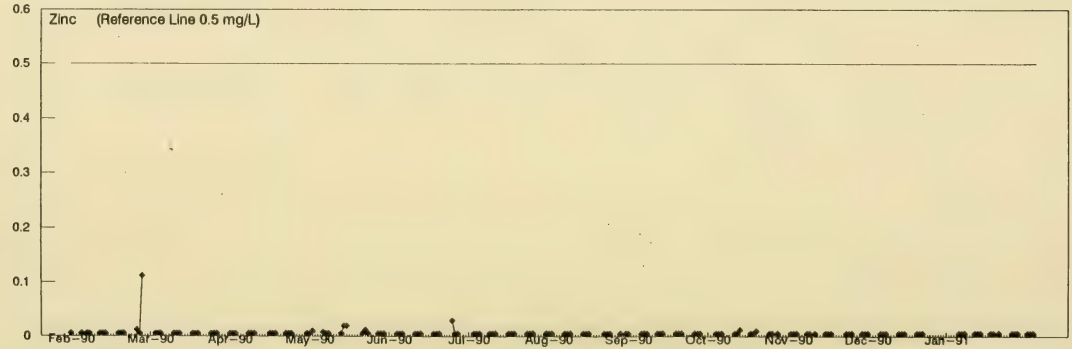

TSS
(Reference Line 15 mg/L)
40
35
30
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

510

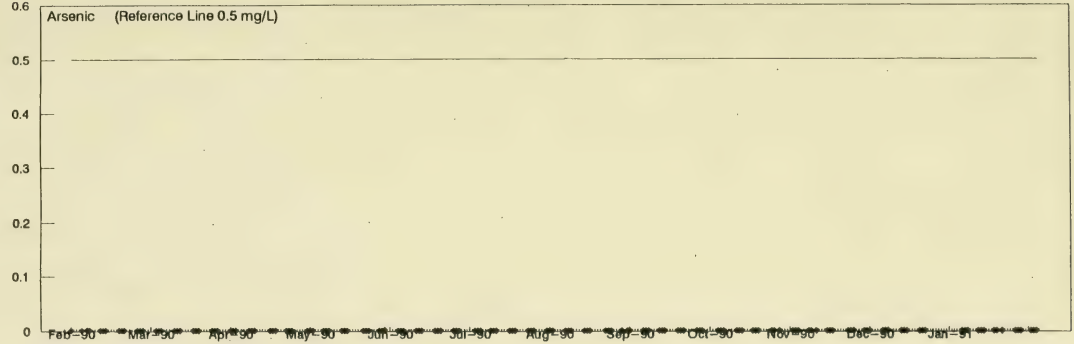

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

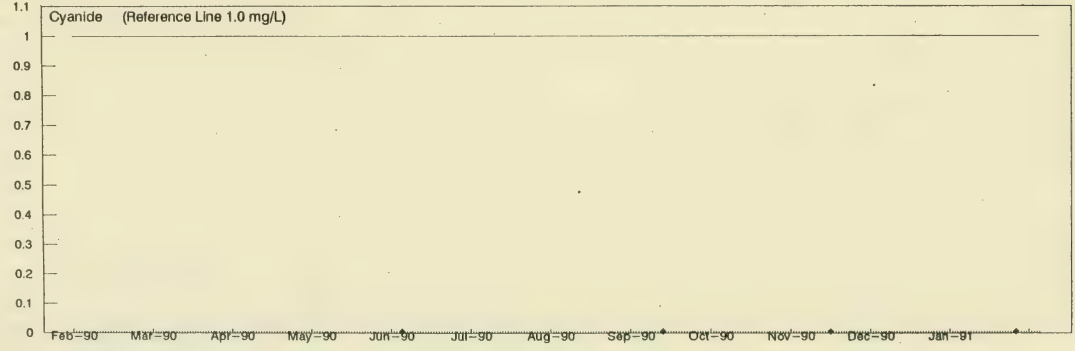

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

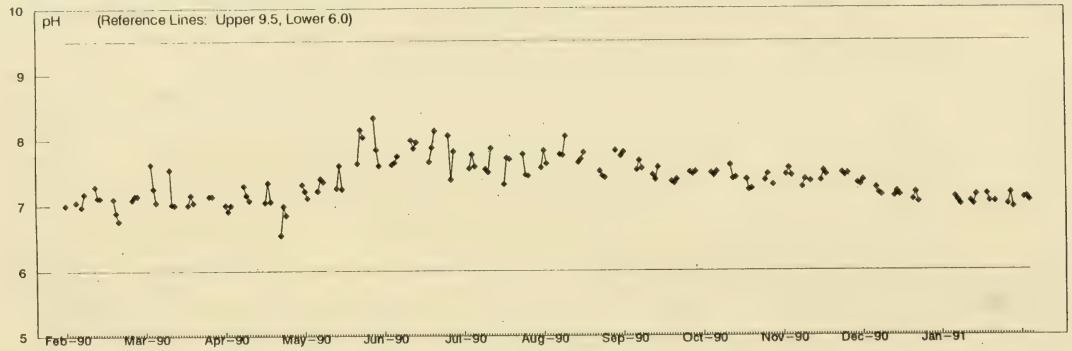

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

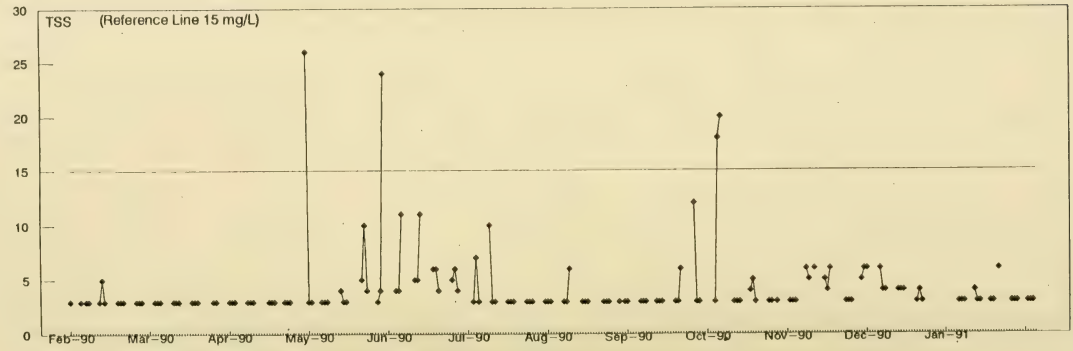

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

512

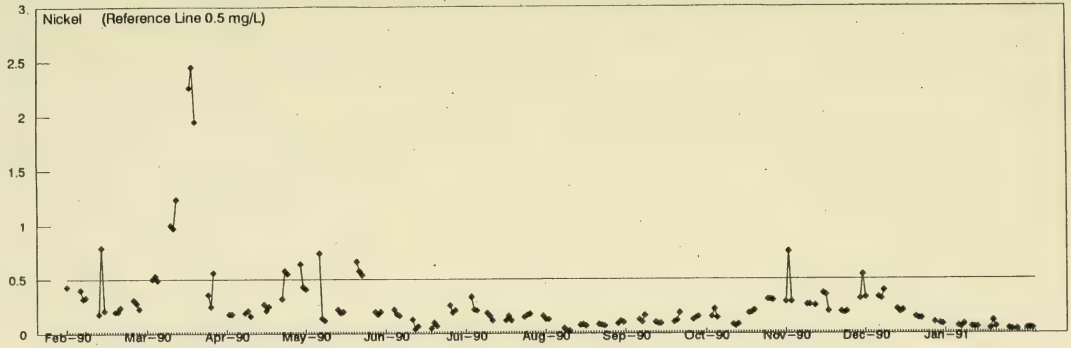

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

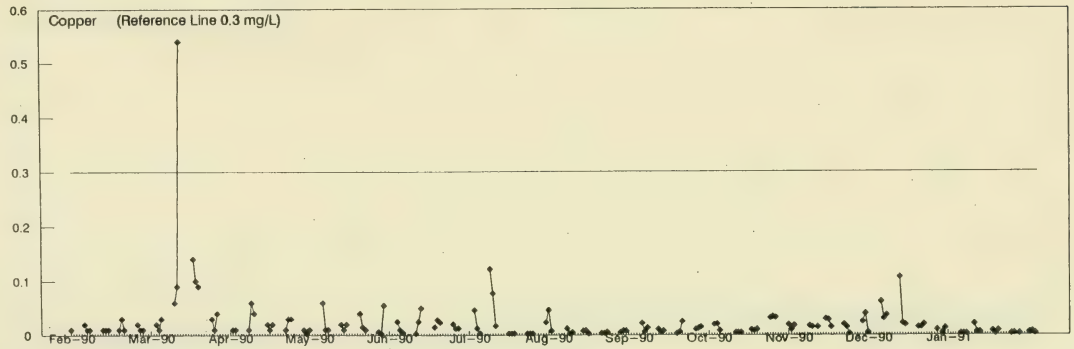

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

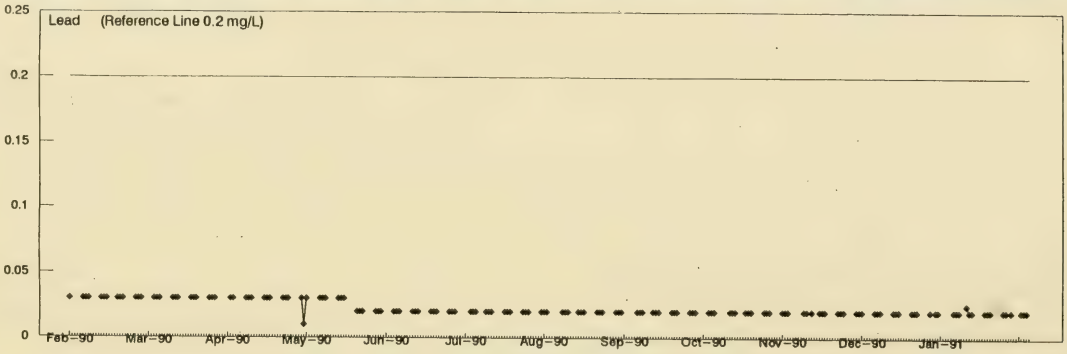

TSS (Reference Line 15 mg/L)
30
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

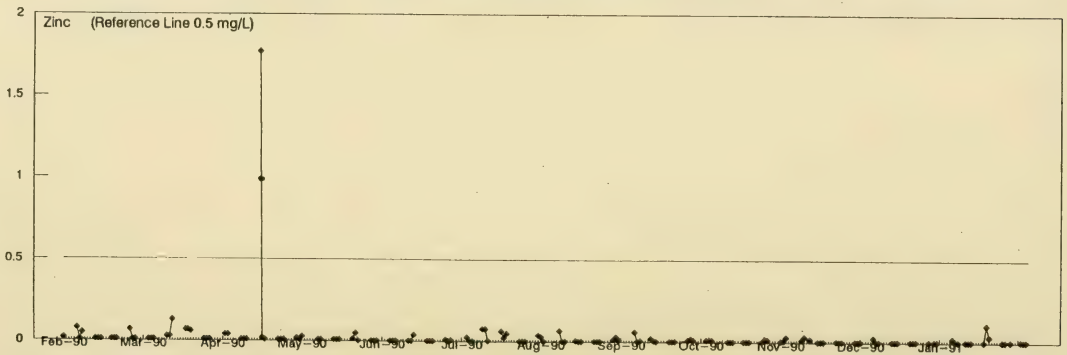
514

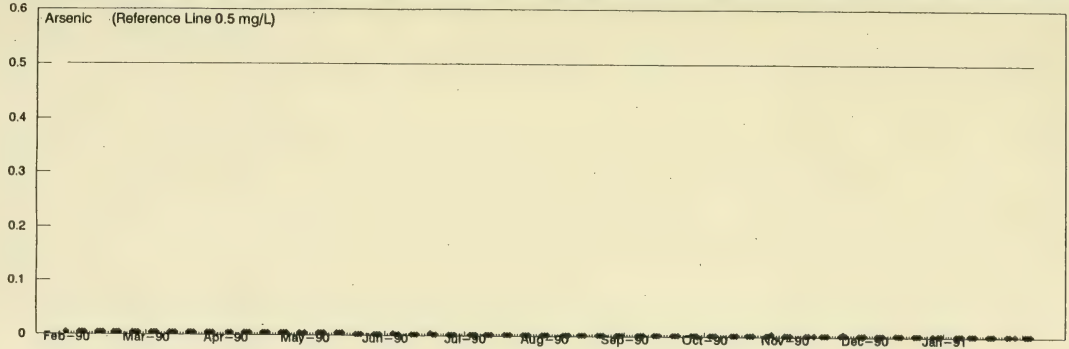

Nickel (Reference Line 0.5 mg/L)
3.
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

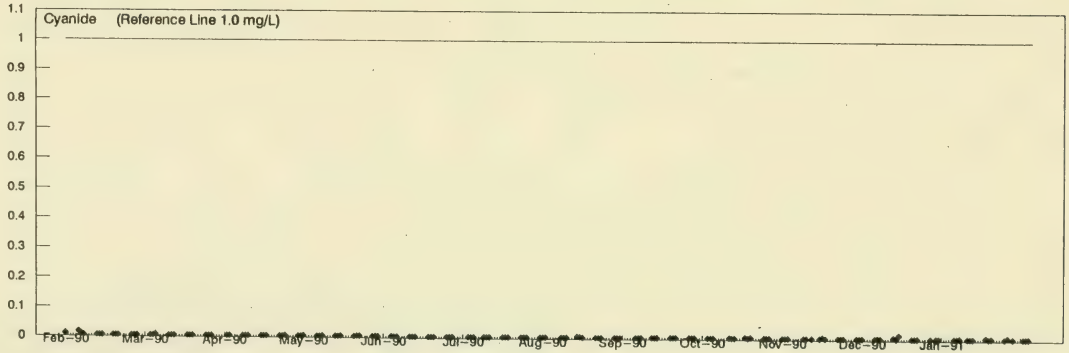

Copper (Reference Line 0.3 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

515

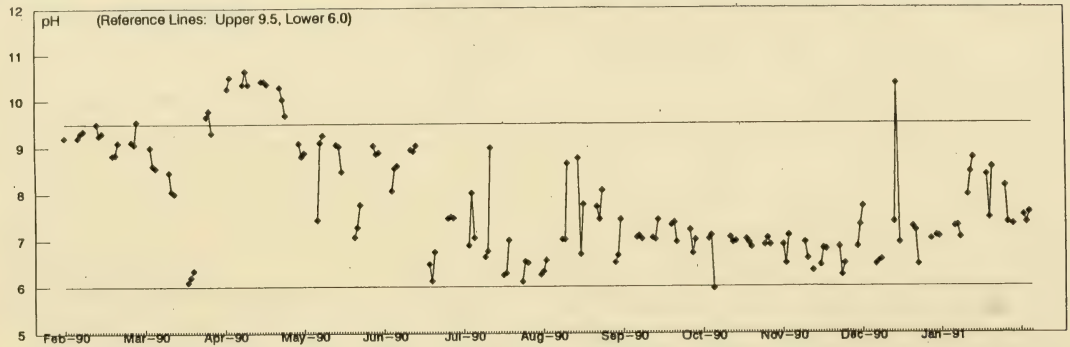

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

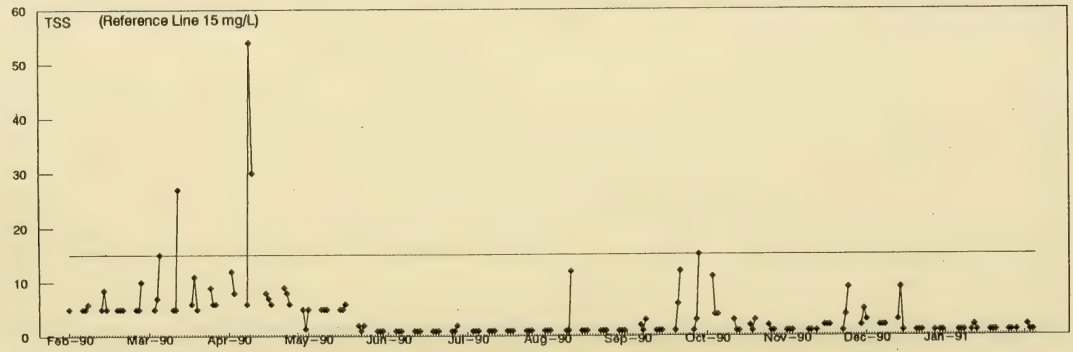

Zinc (Reference Line 0.5 mg/L)
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

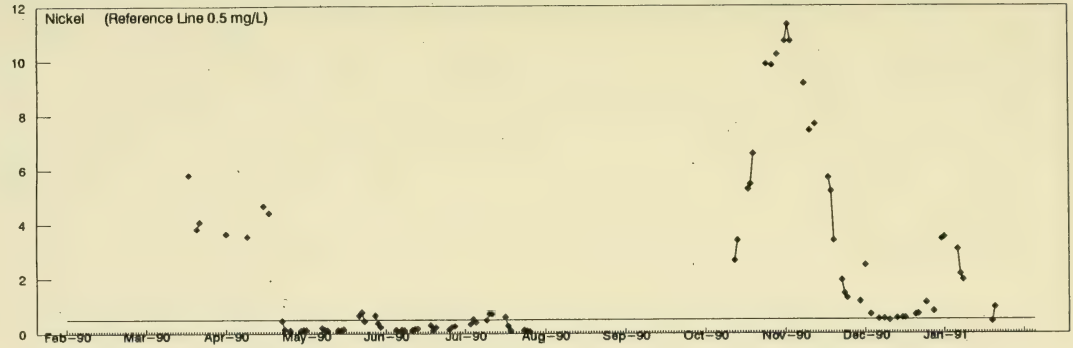

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

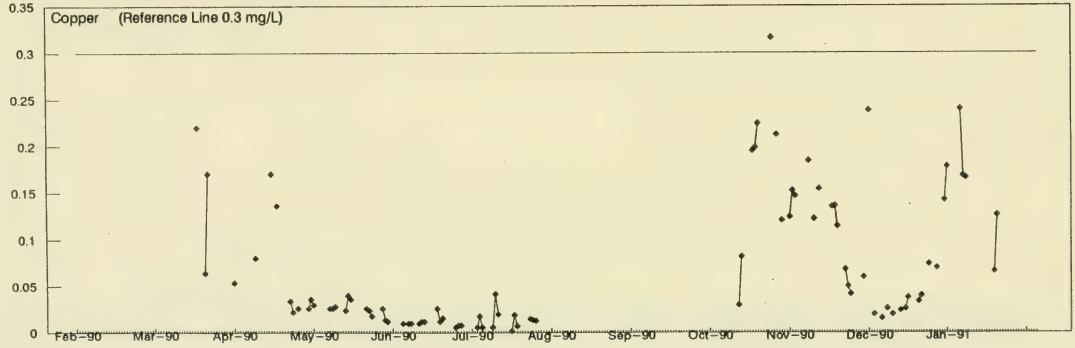

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

517

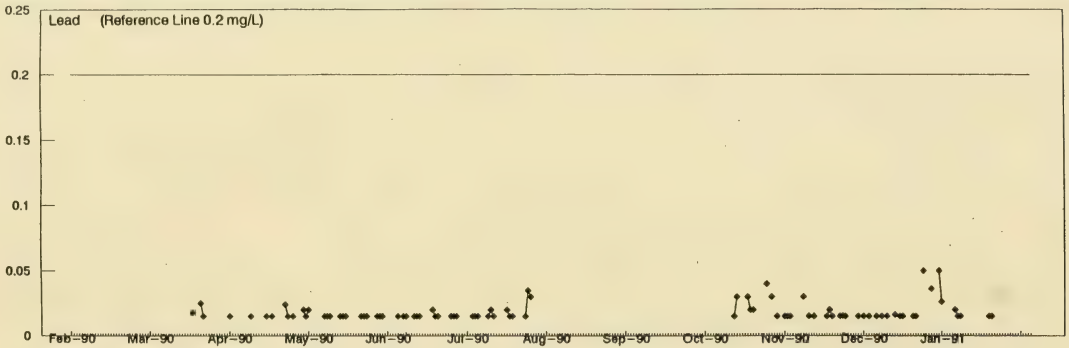

pH
(Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

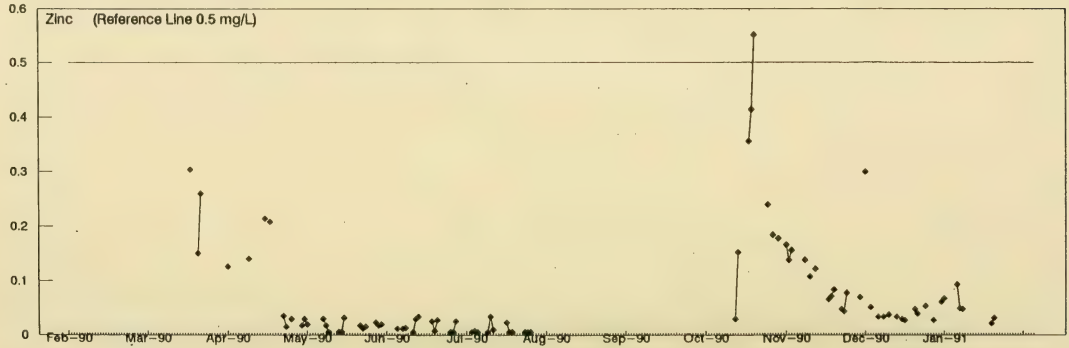

TSS
(Reference Line 15 mg/L)
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Nickel (Reference Line 0.5 mg/L)
12
10
8
6
4
2
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

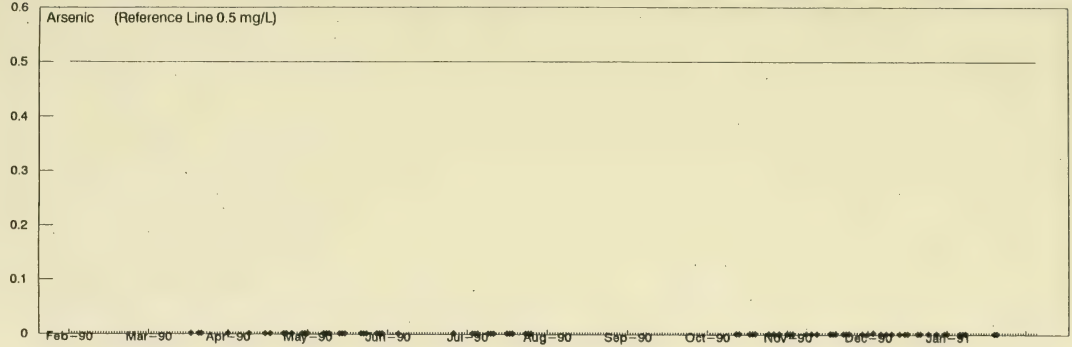

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

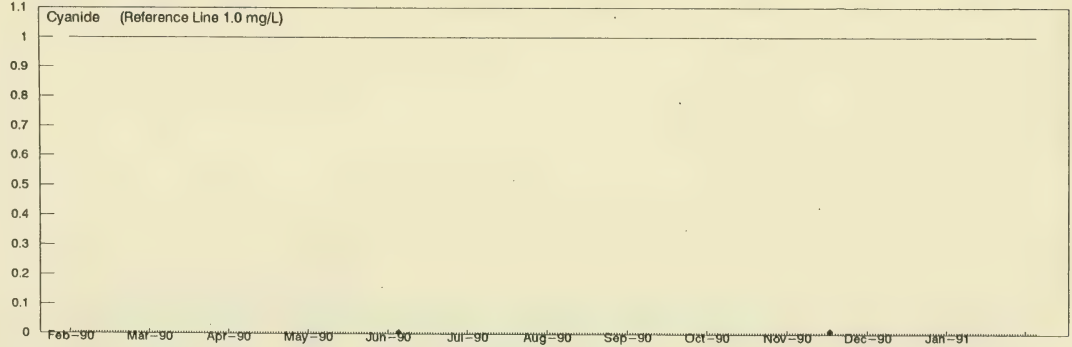
519


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

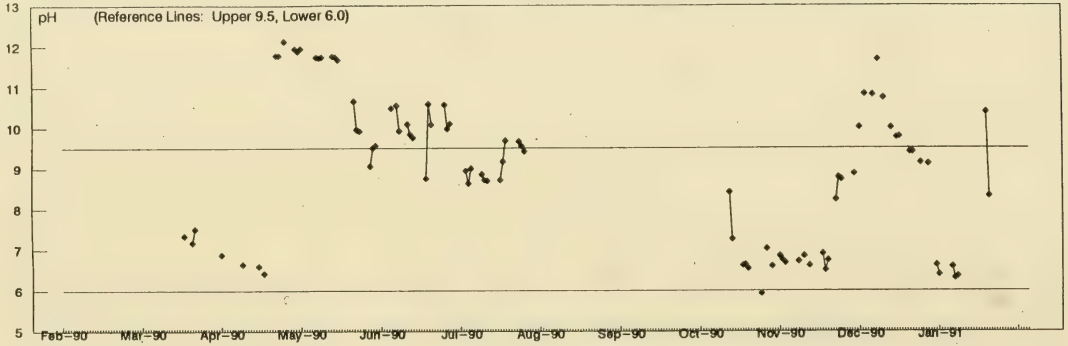

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

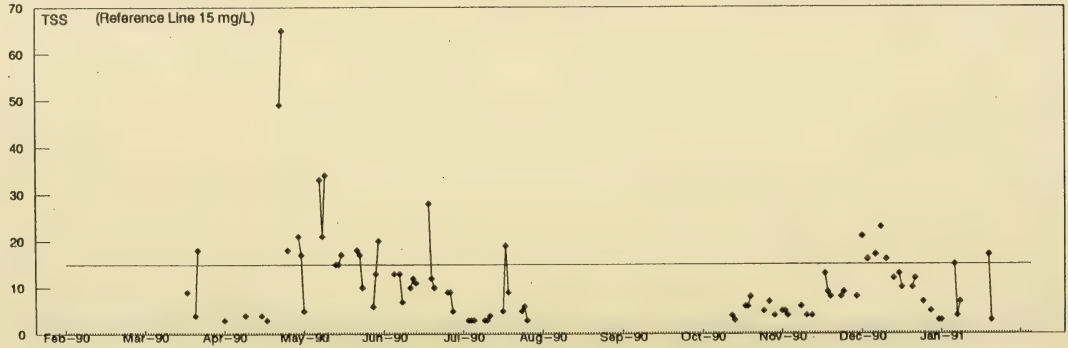
520


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

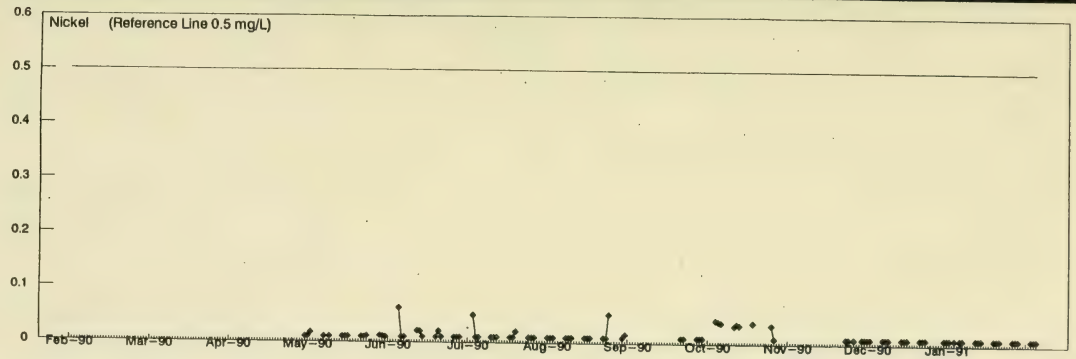

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

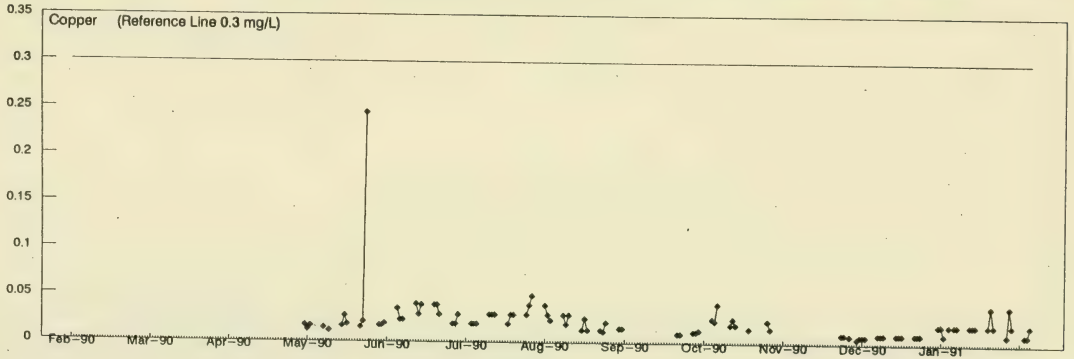
521


pH
(Reference Lines: Upper 9.5, Lower 6.0)
13
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

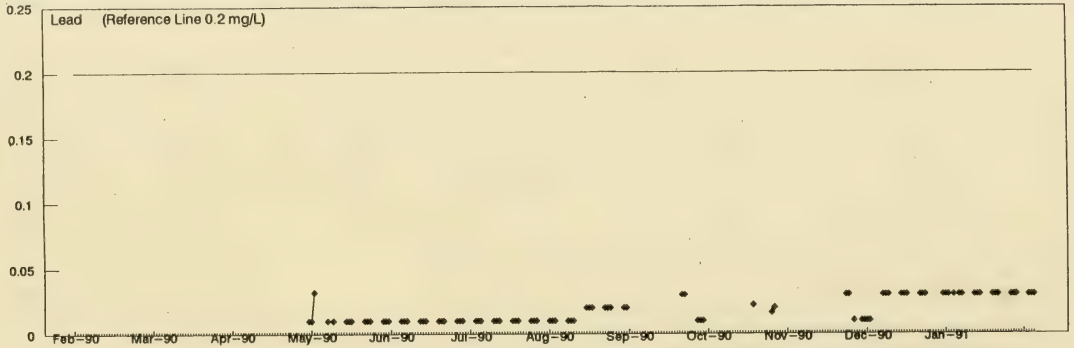

TSS
(Reference Line 15 mg/L)
70
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

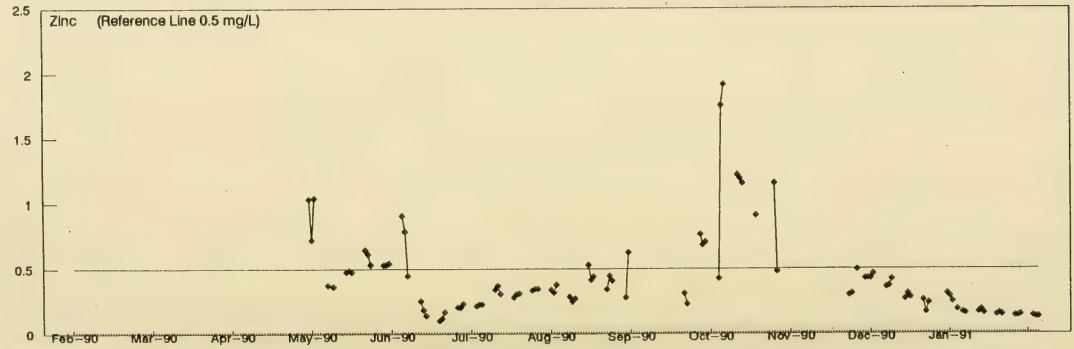
522


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

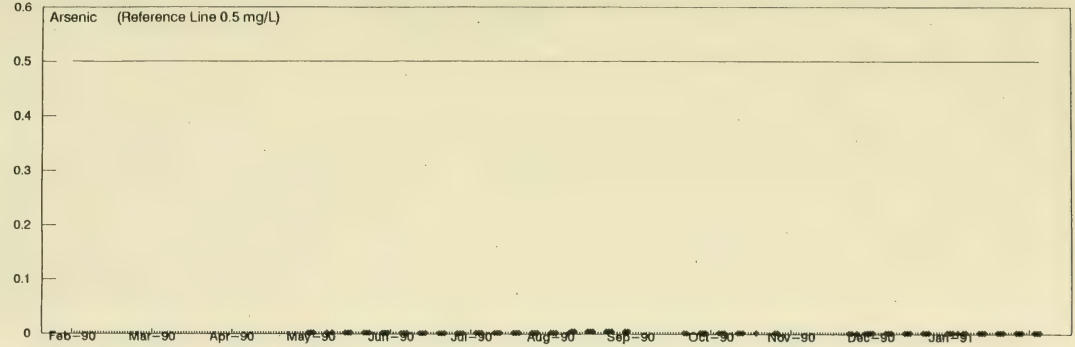

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

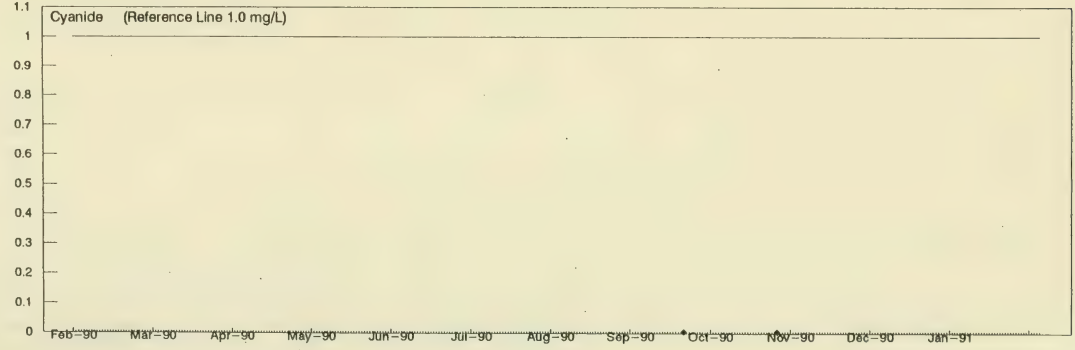
523


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

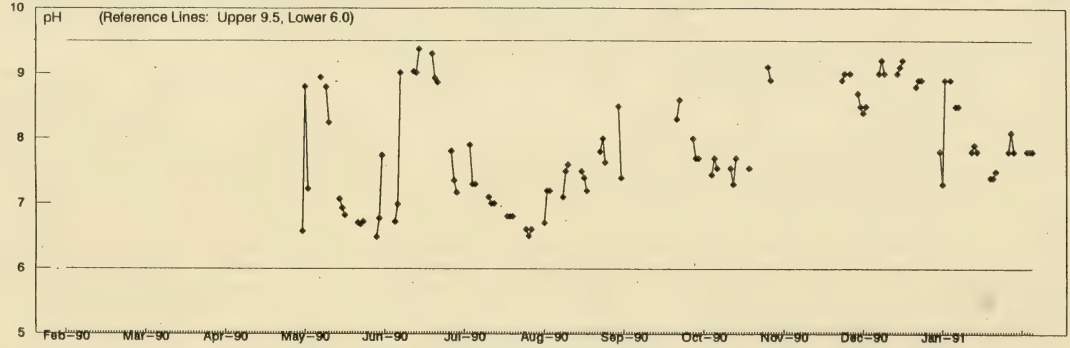

Zinc (Reference Line 0.5 mg/L)
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

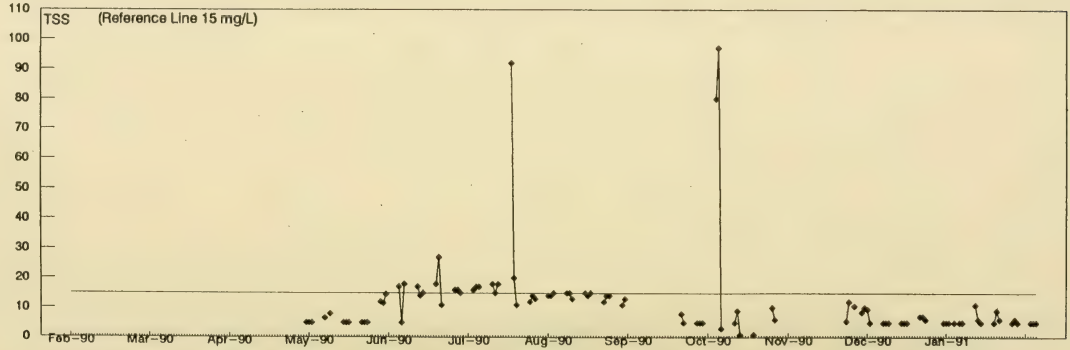
524


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

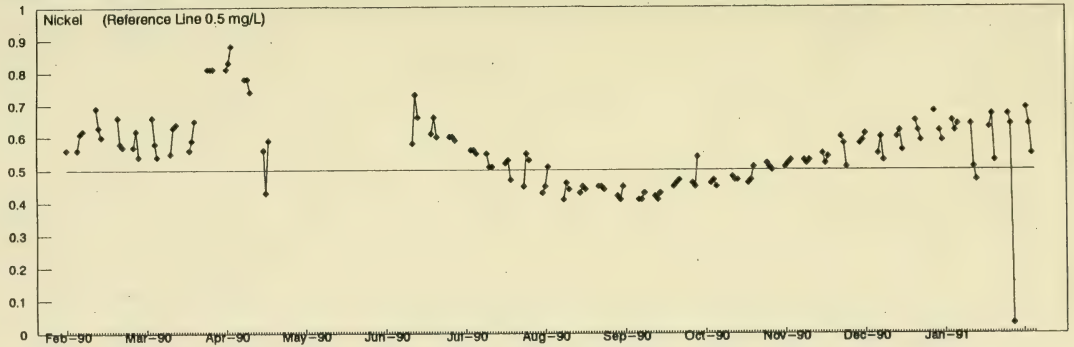

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

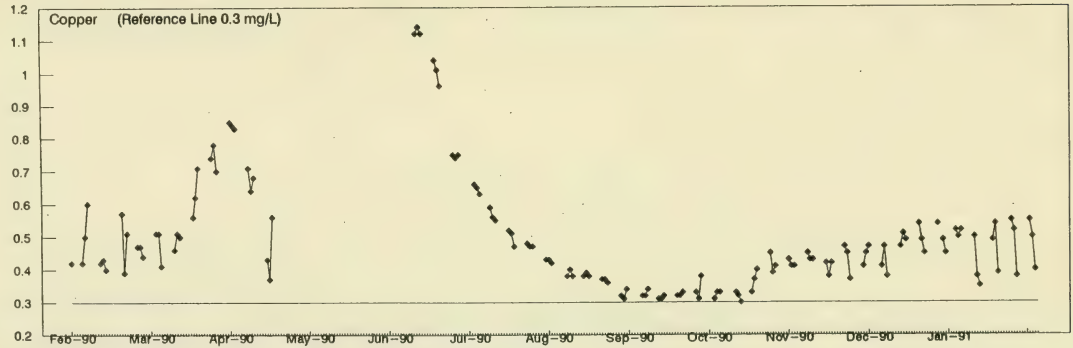
525


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

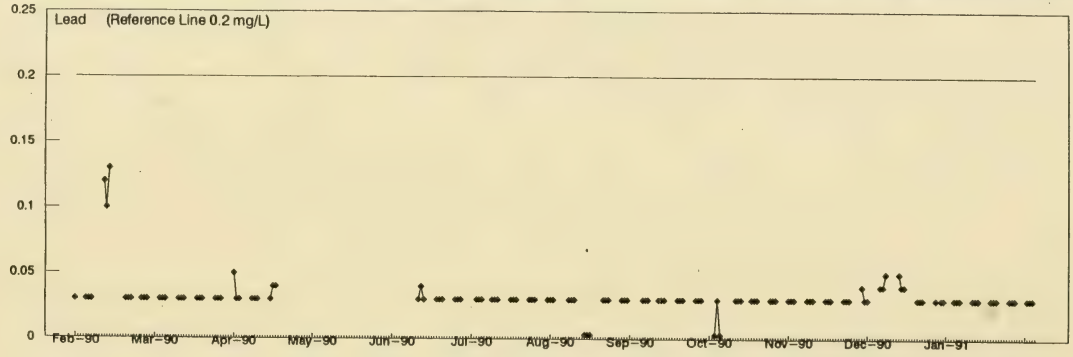

TSS
(Reference Line 15 mg/L)
110
100
90
80
70
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

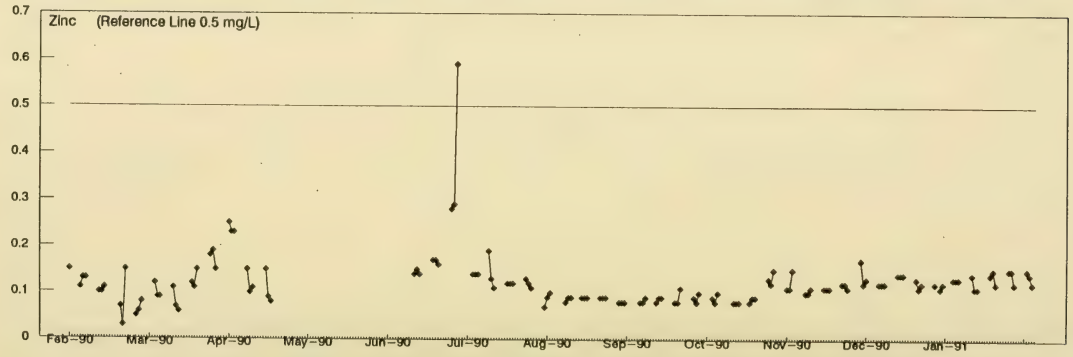
526


Nickel (Reference Line 0.5 mg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

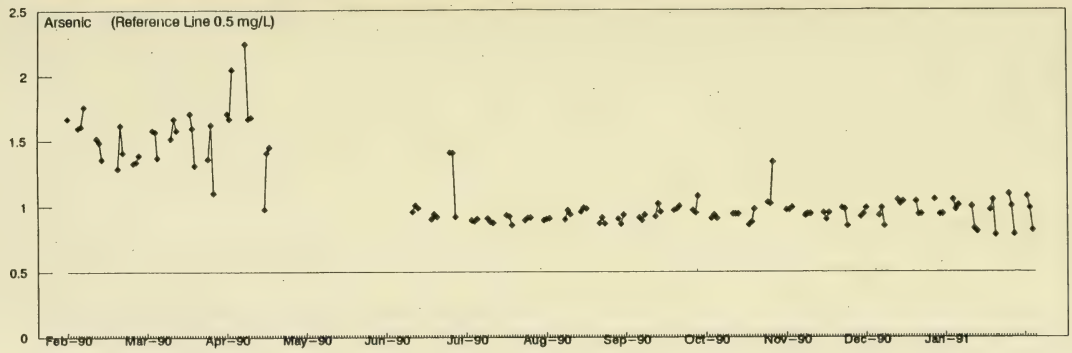

Copper (Reference Line 0.3 mg/L)
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

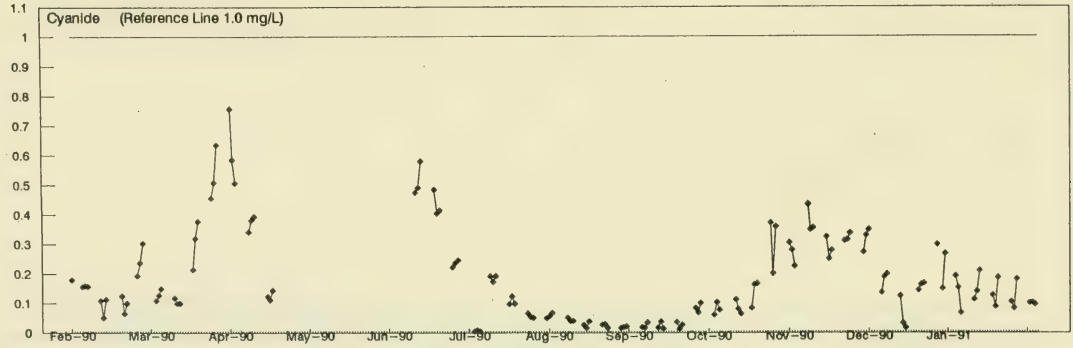
527


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

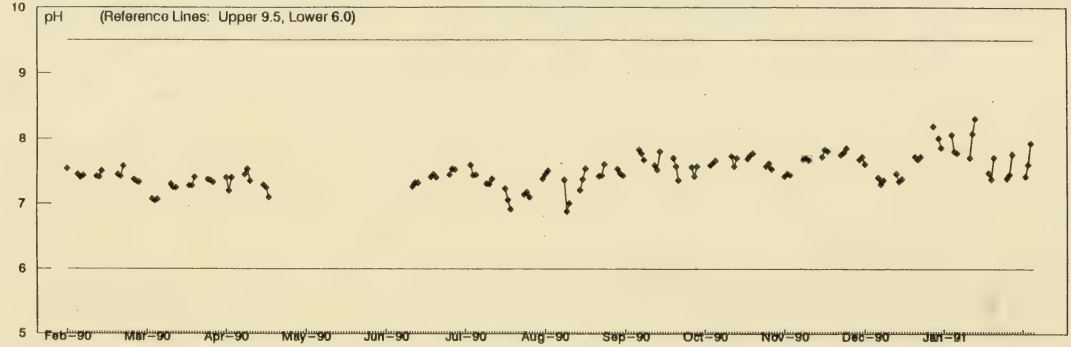

Zinc (Reference Line 0.5 mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

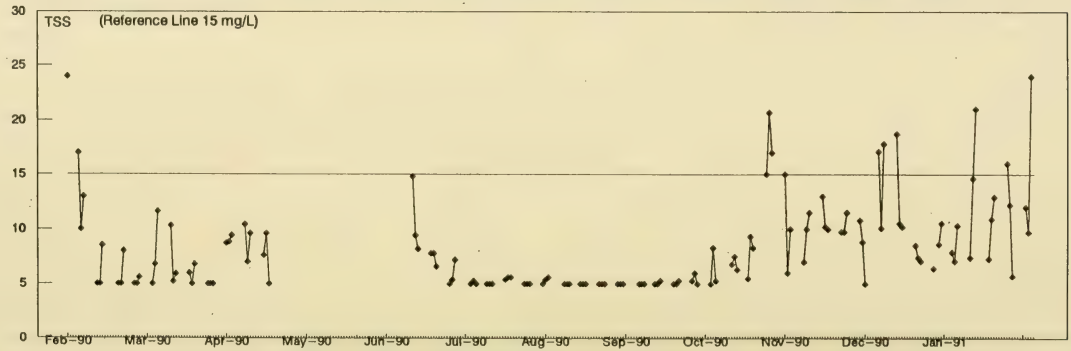
528


Arsenic (Reference Line 0.5 mg/L)
2.5
2
1.5
1
0.5
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

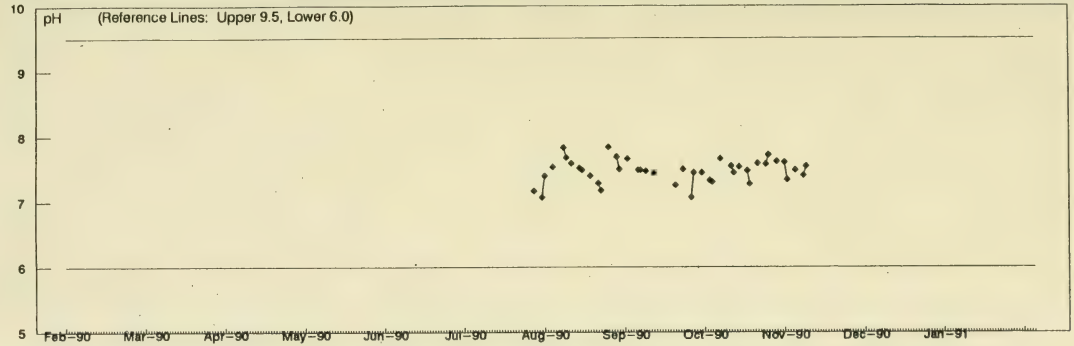

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

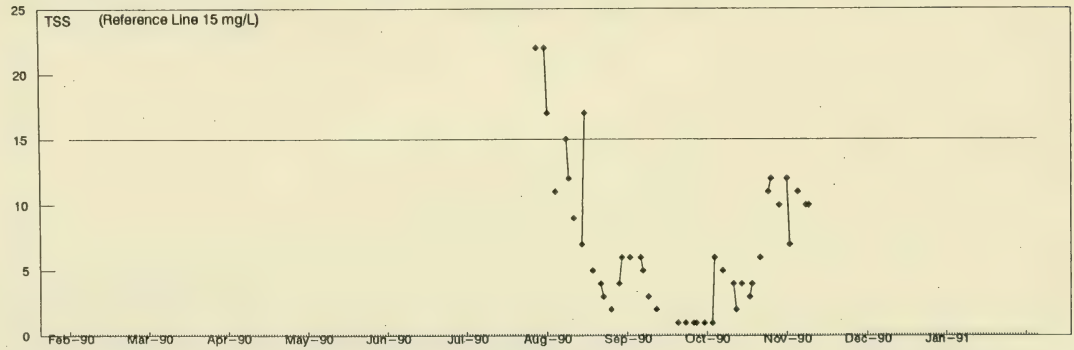
529


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

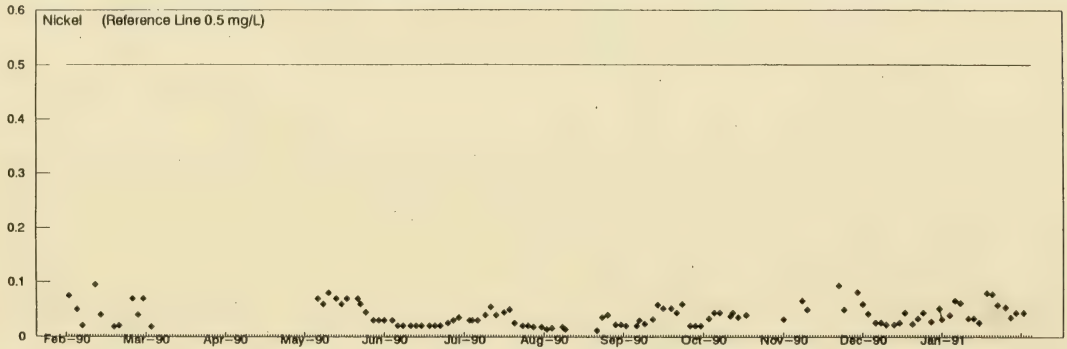

TSS (Reference Line 15 mg/L)
30
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

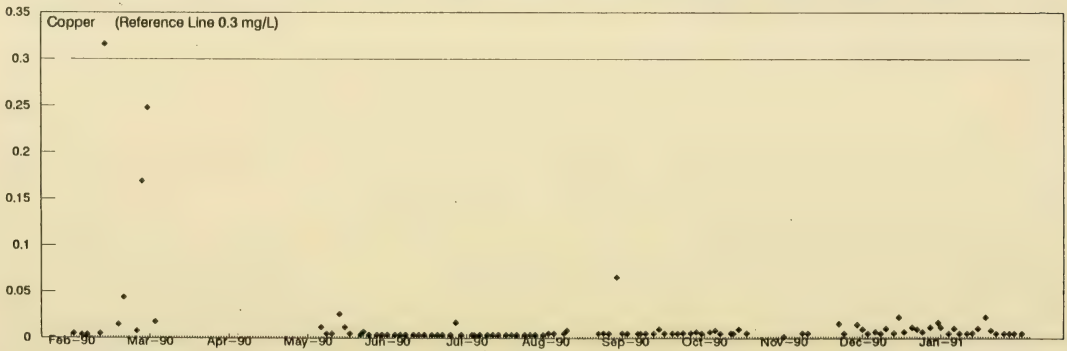
530


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

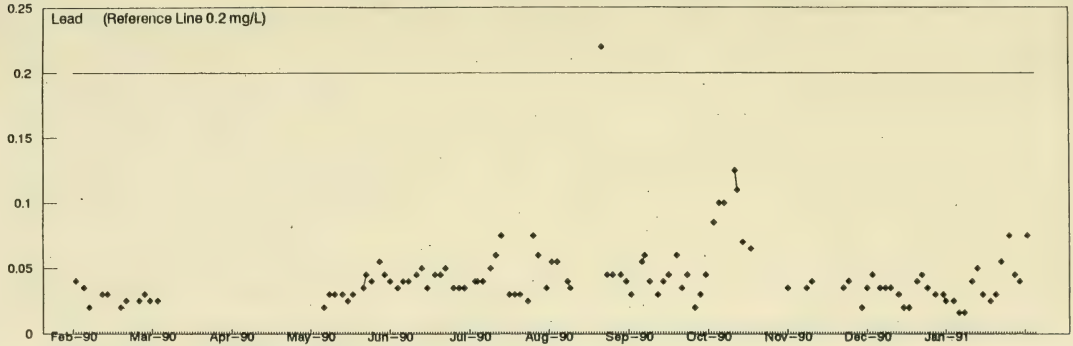

TSS (Reference Line 15 mg/L)
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

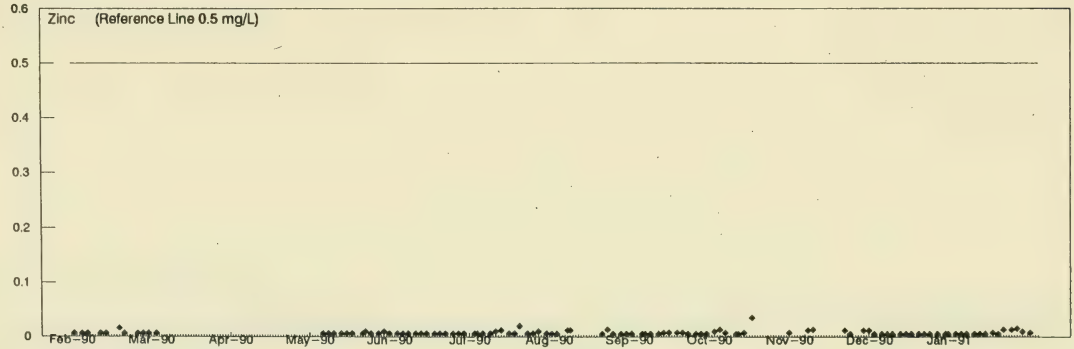
531

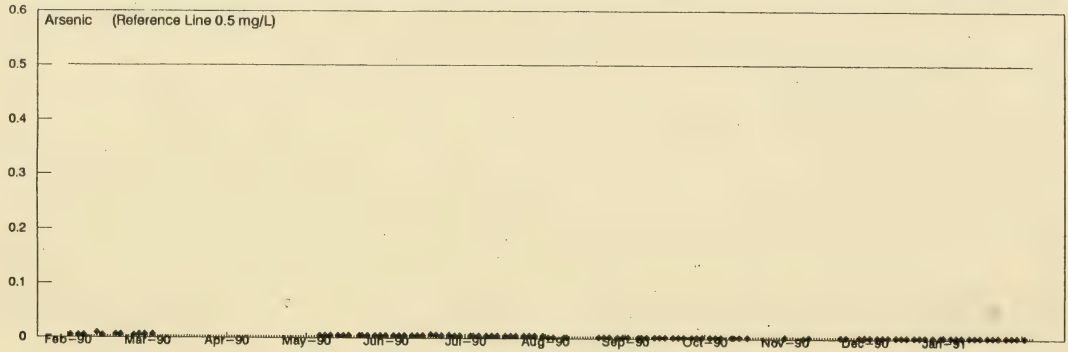

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

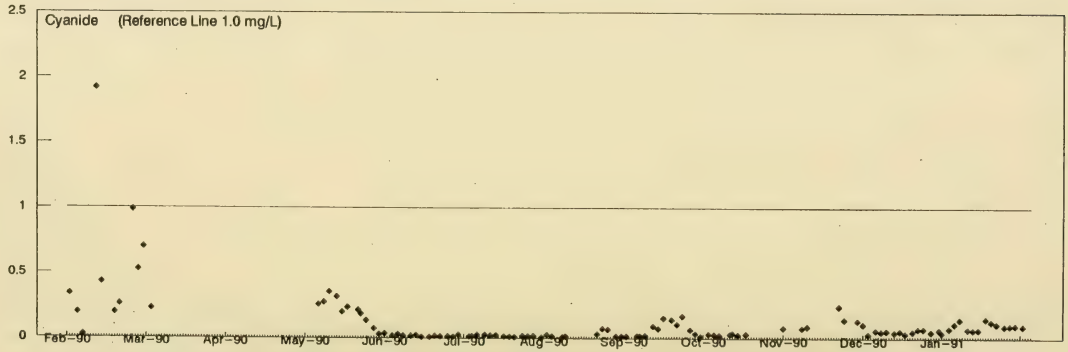

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

532

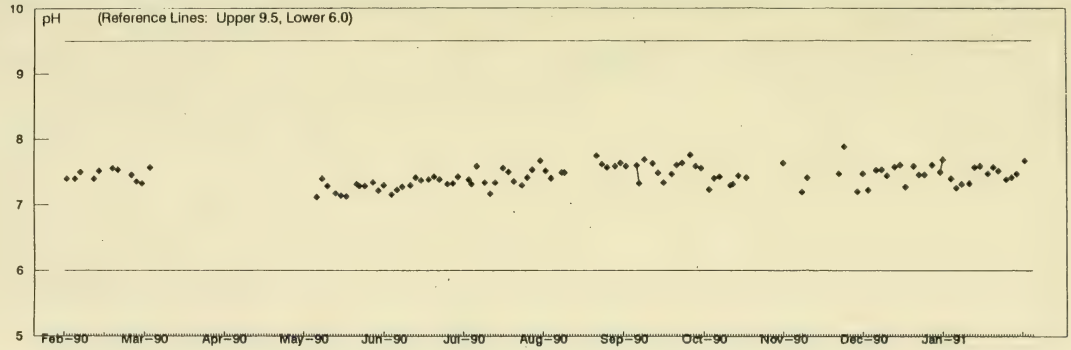

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

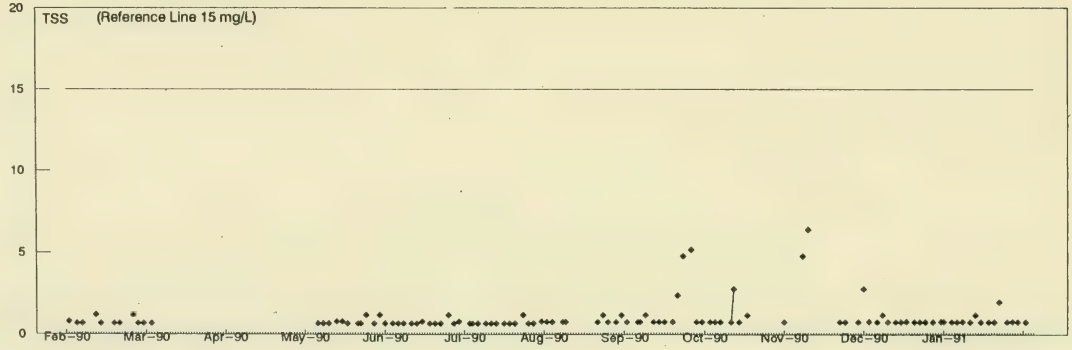

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

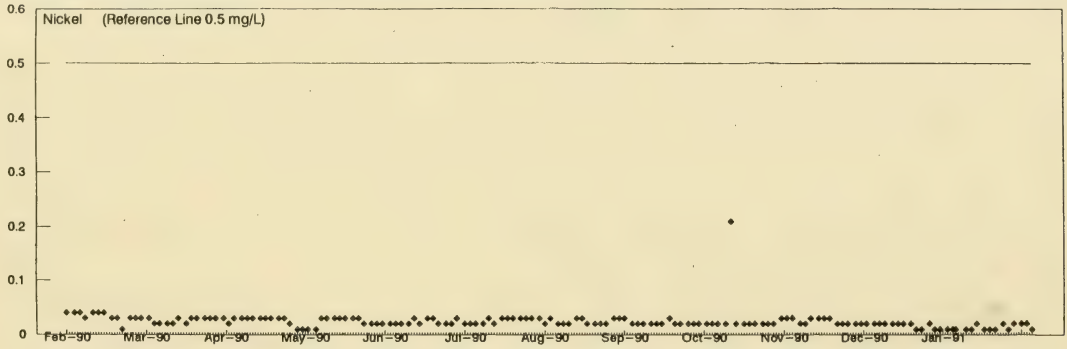

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

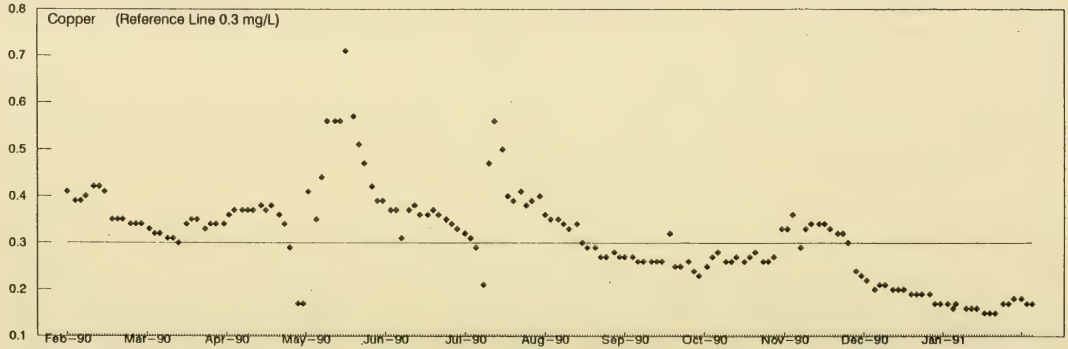

Cyanide (Reference Line 1.0 mg/L)
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

534

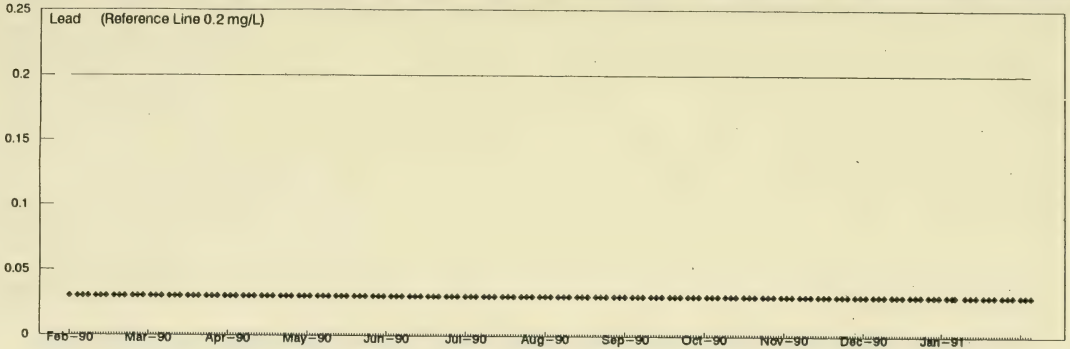

pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

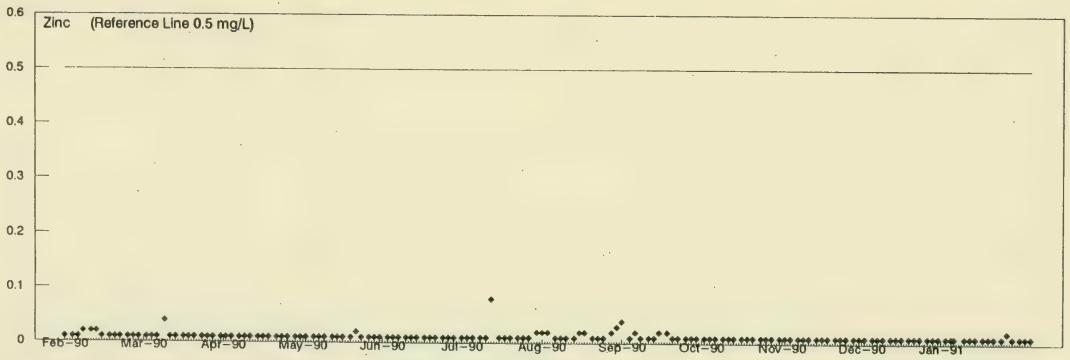

TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

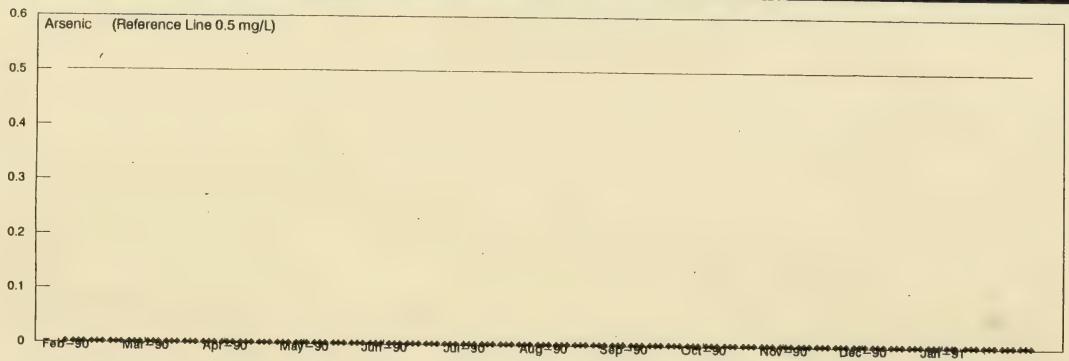

Copper (Reference Line 0.3 mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

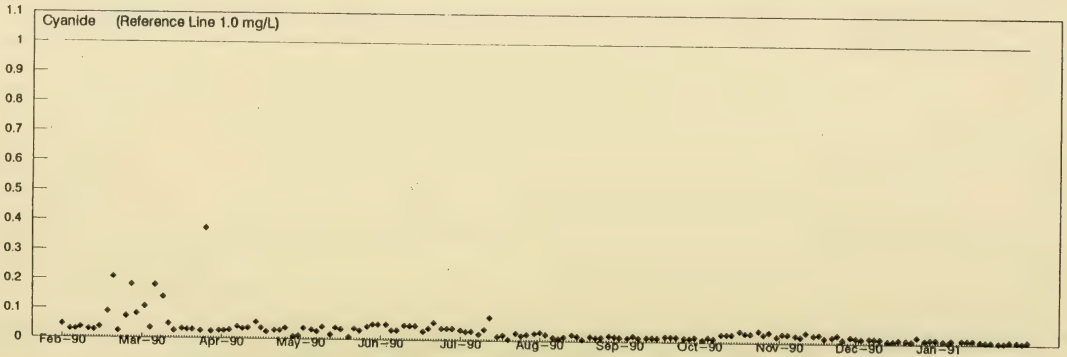
536


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

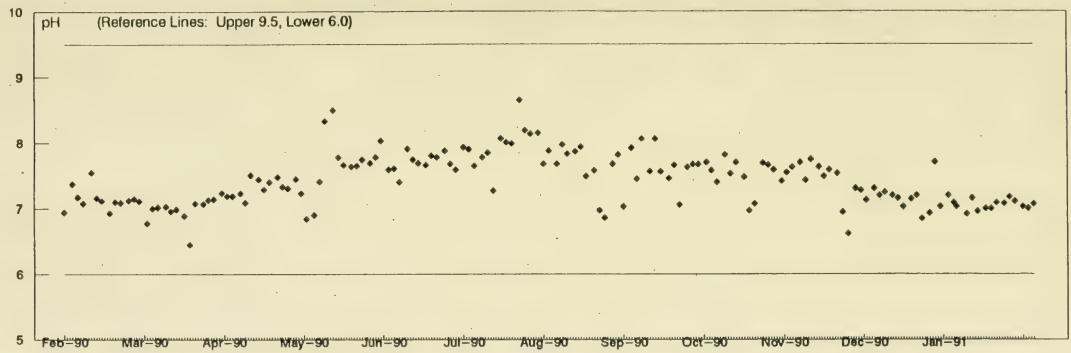

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

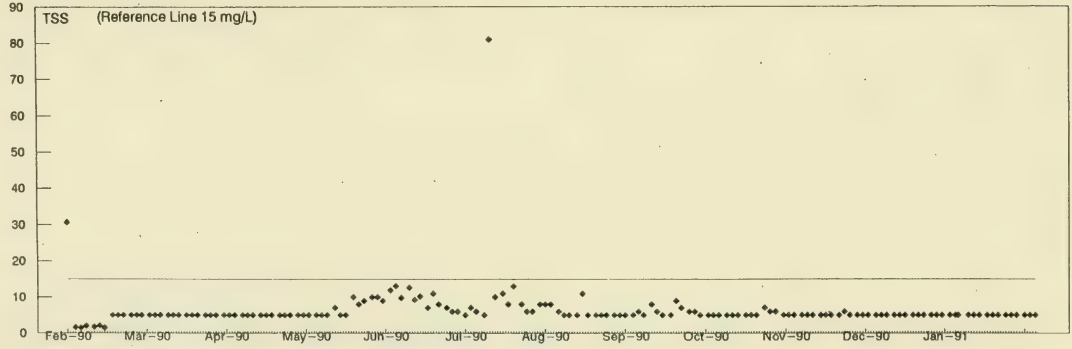
537


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

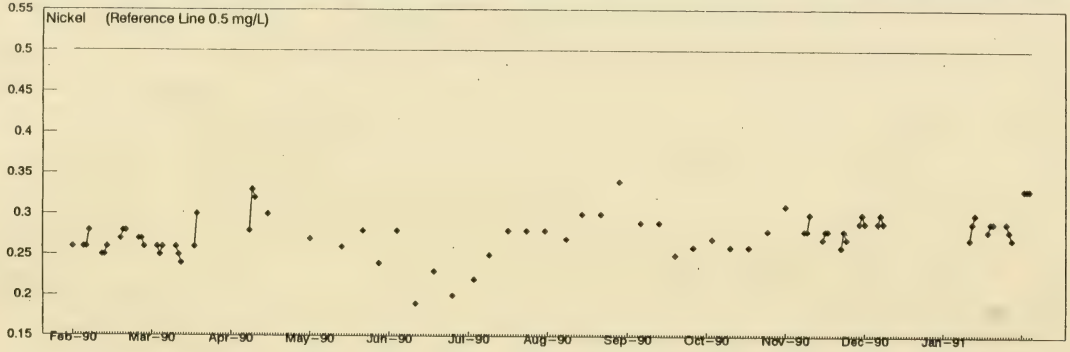

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

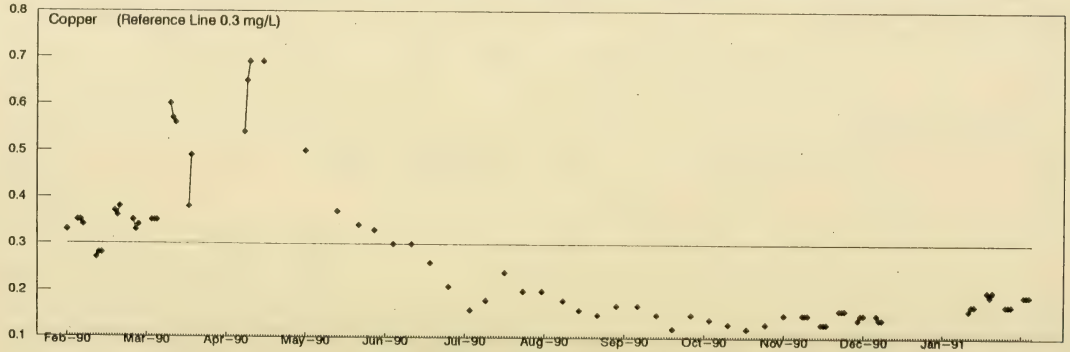
538


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

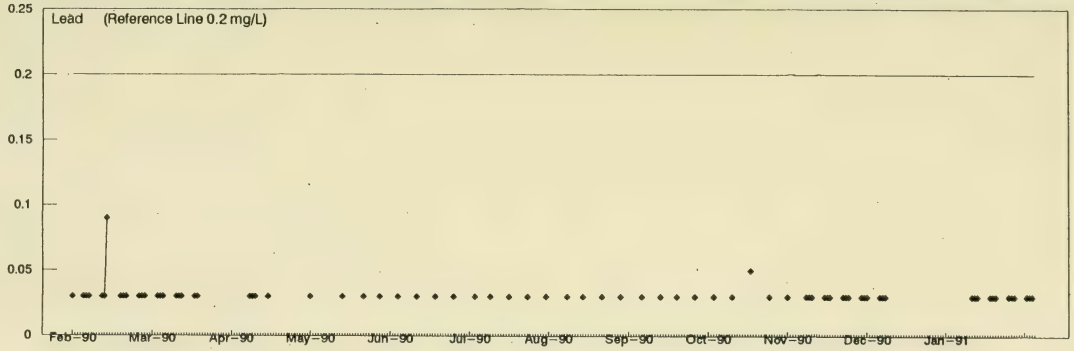

TSS
(Reference Line 15 mg/L)
90
80
70
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

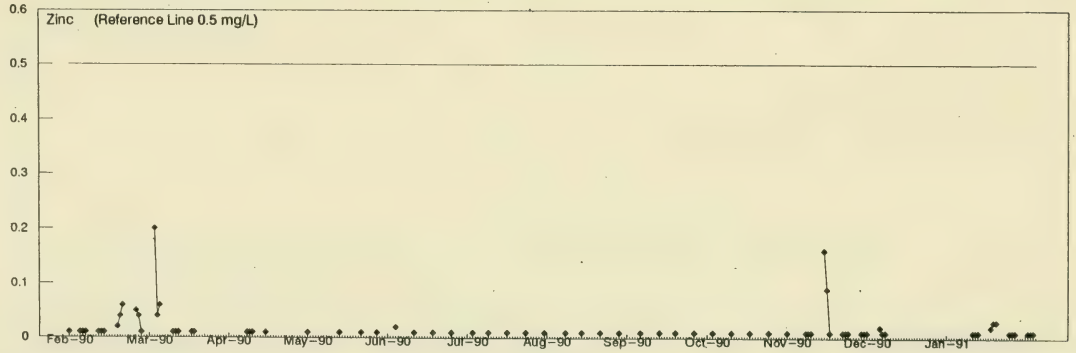
539


Nickel (Reference Line 0.5 mg/L)
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

540

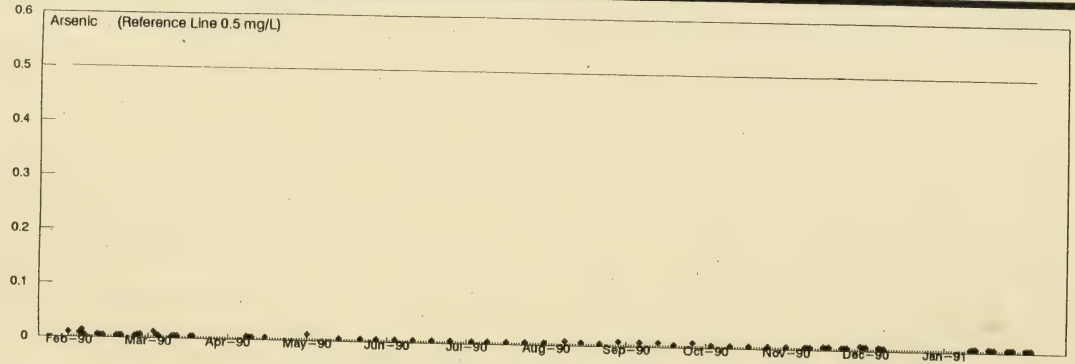

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

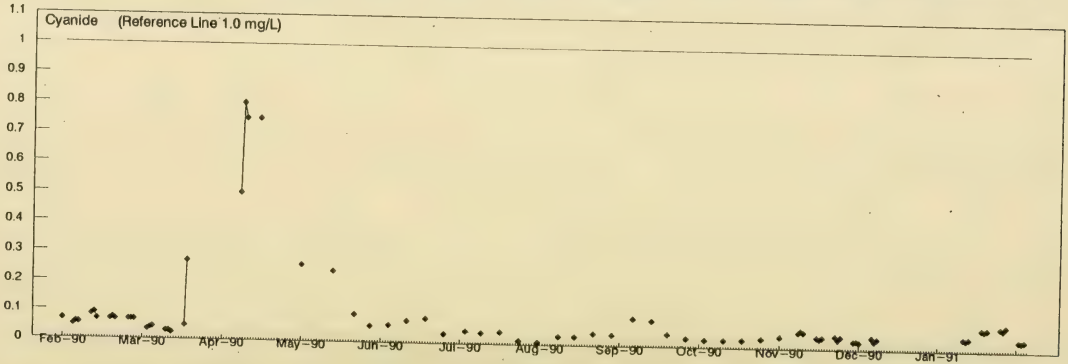

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

541

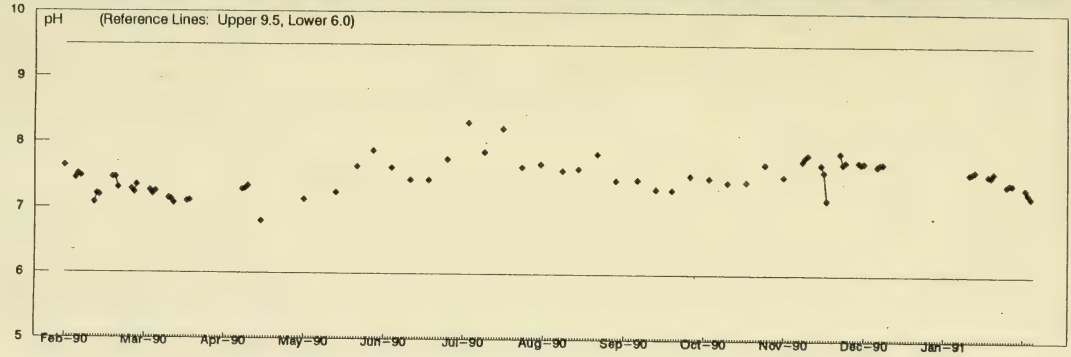
26 – Placer Dome, Dome Mine PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

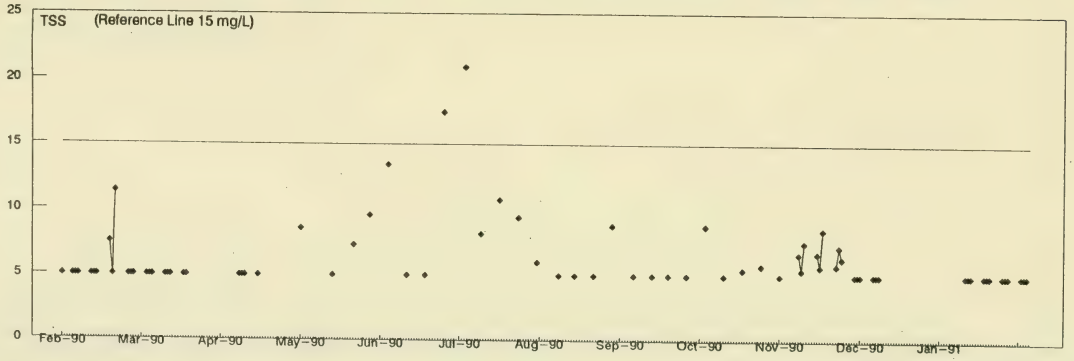
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA





542

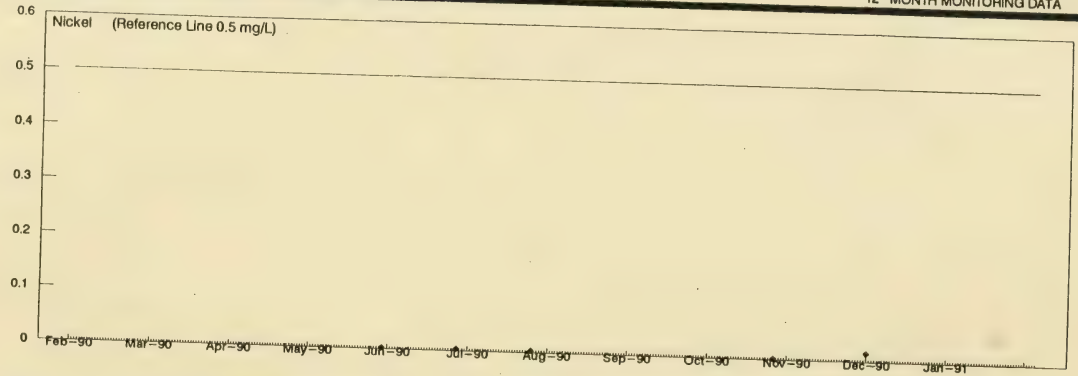

pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

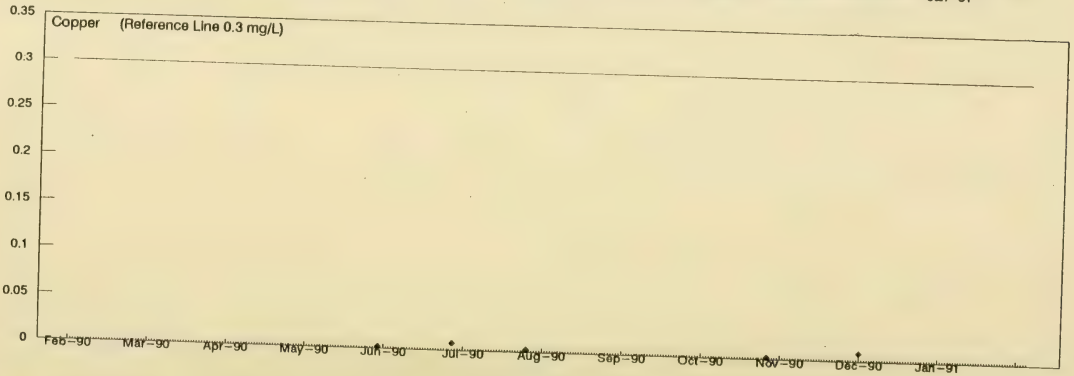

TSS (Reference Line 15 mg/L)
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

543

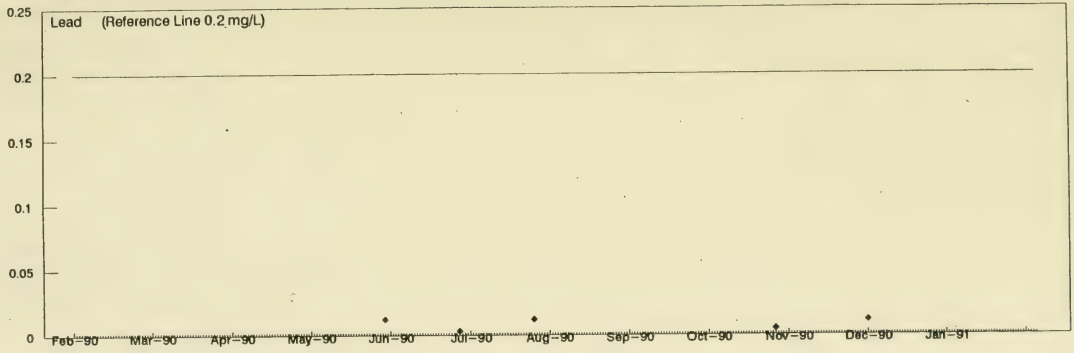
27 – Placer Dome, Dona Lake Mine PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

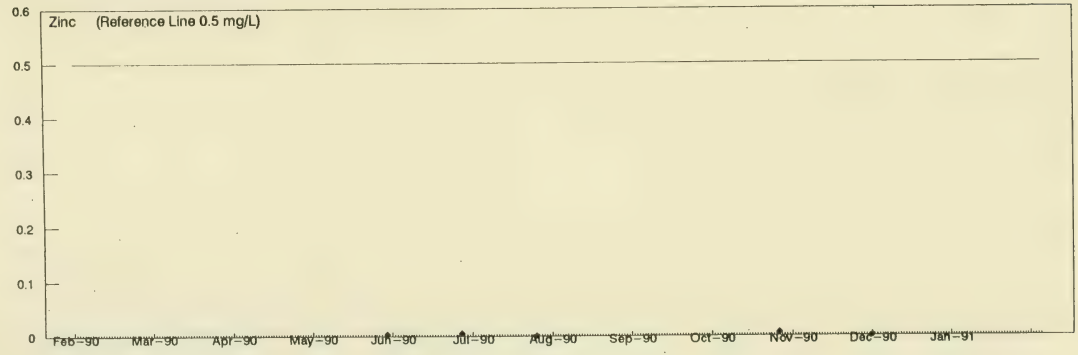
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA

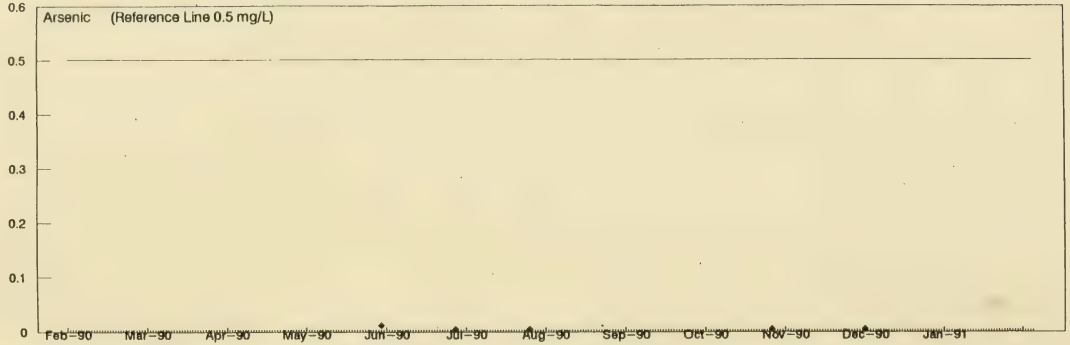


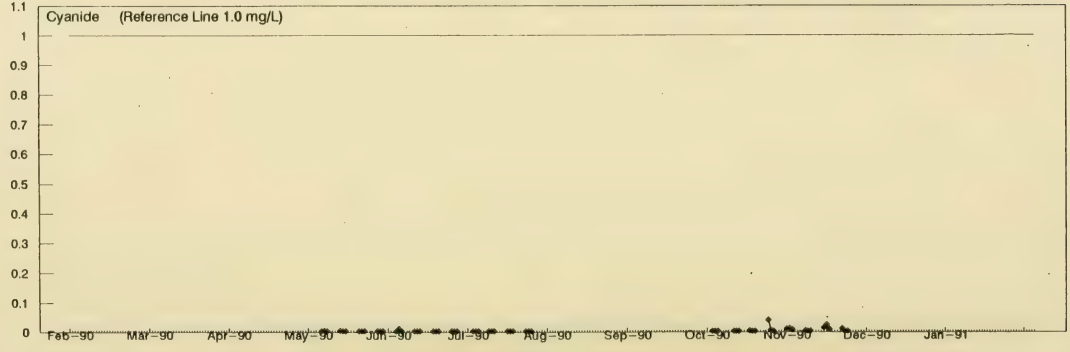


544

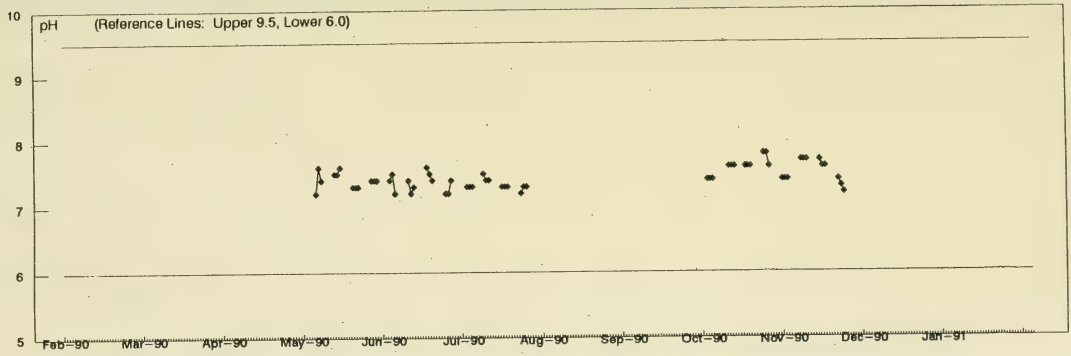

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

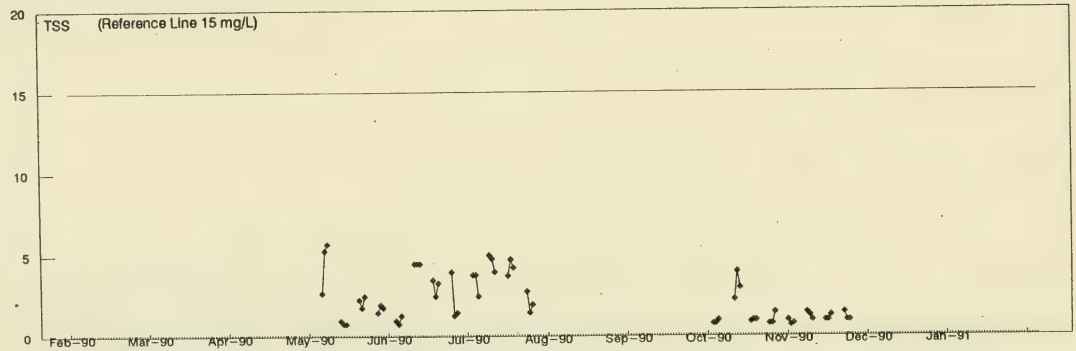

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

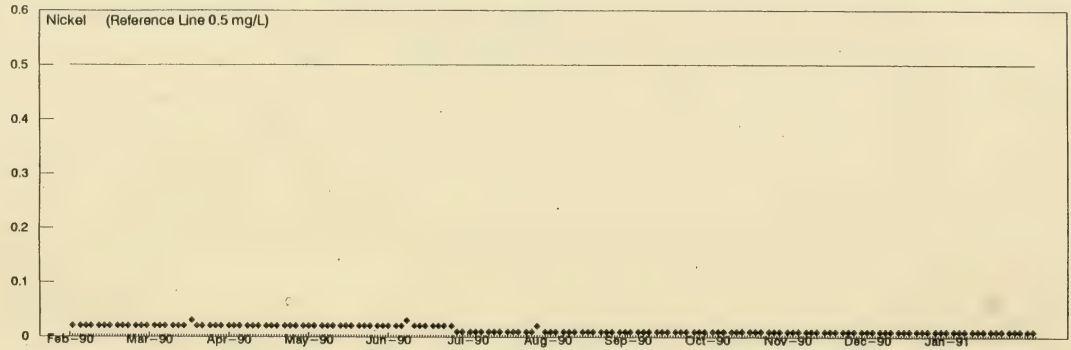

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

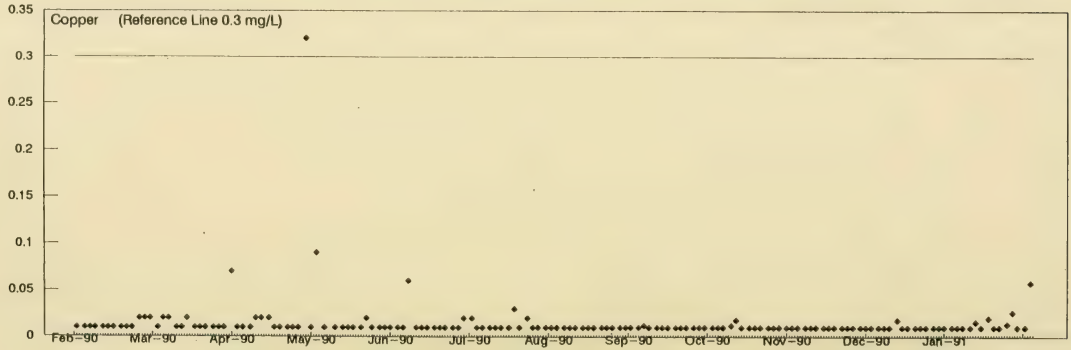

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

5465

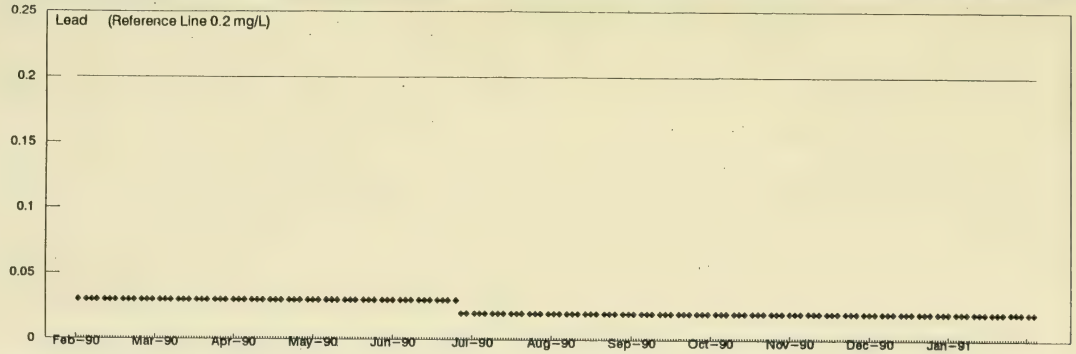

pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

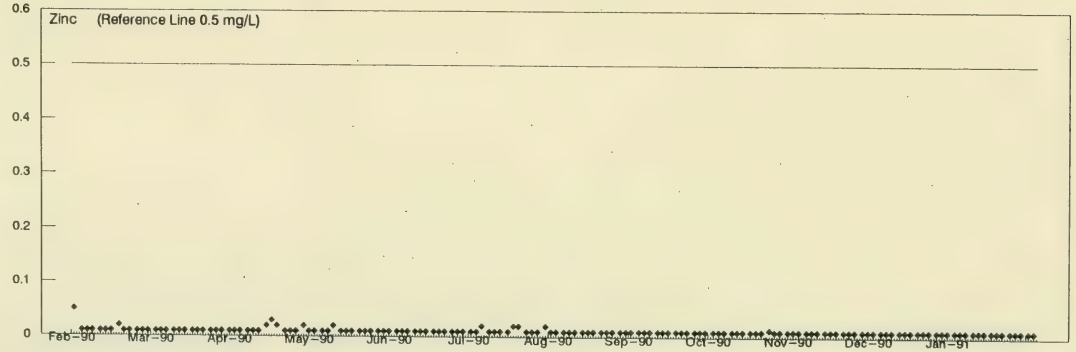

TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

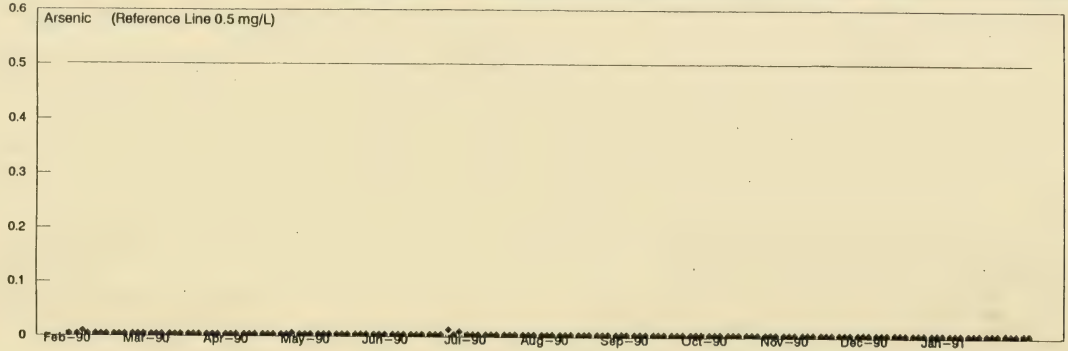
548

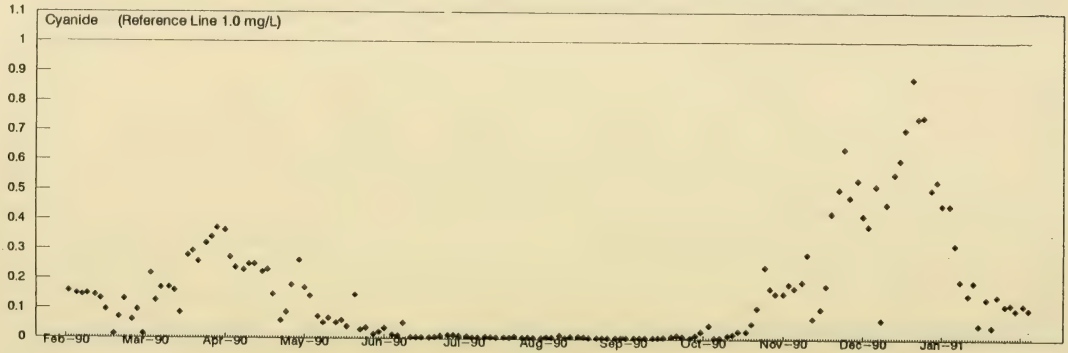

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

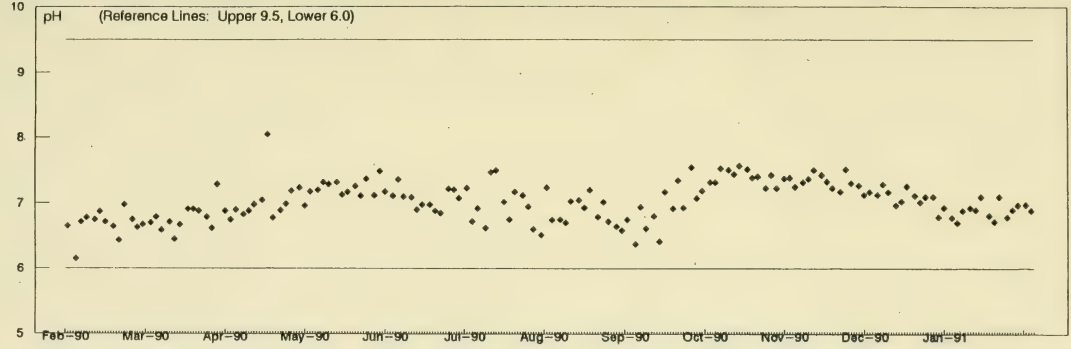
545

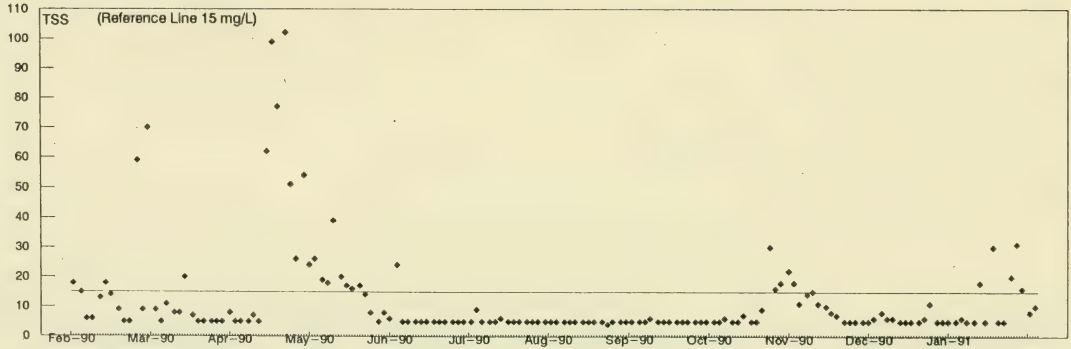
28 – Eastmaque Gold Mines | PR 0100 – Final Discharge | MISA METAL MINING SECTOR
Daily Concentration Plots: February 1, 1990 to January 31, 1991 | 12–MONTH MONITORING DATA



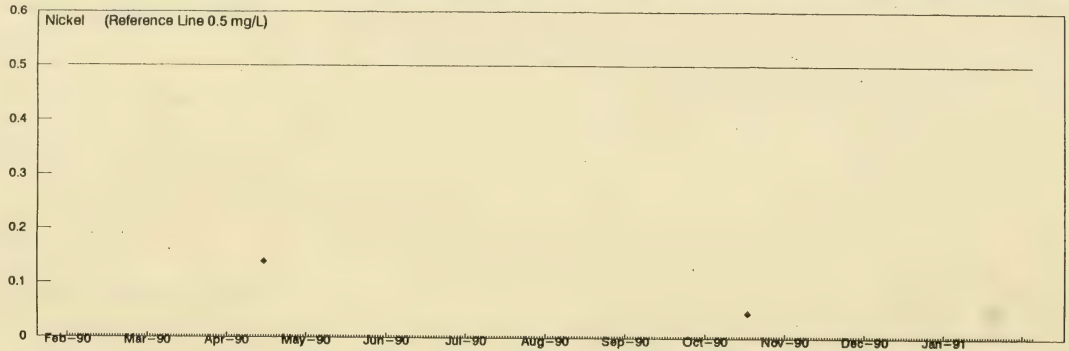


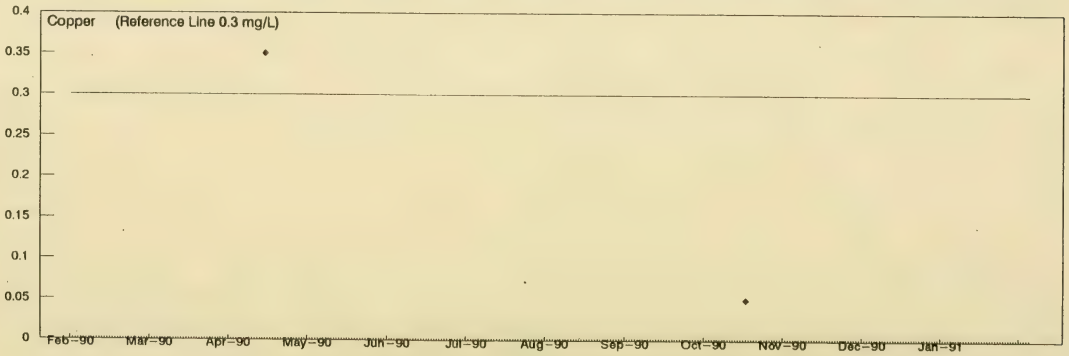
550


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

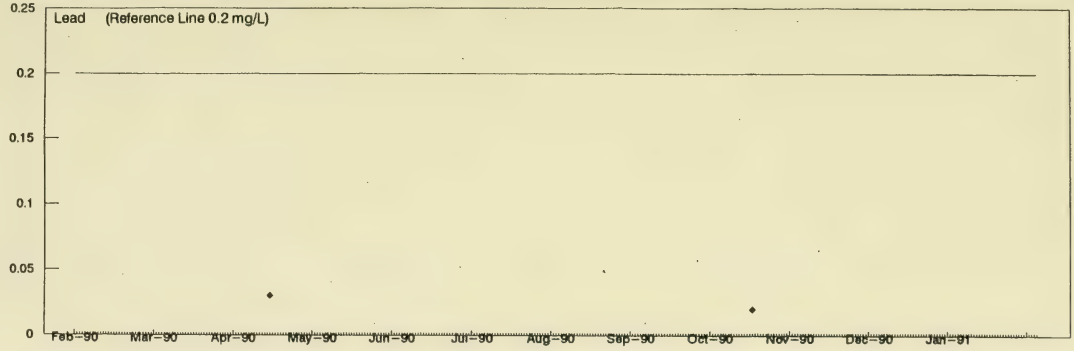

TSS
(Reference Line 15 mg/L)
110
100
90
80
70
60
50
40
30
20
10
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

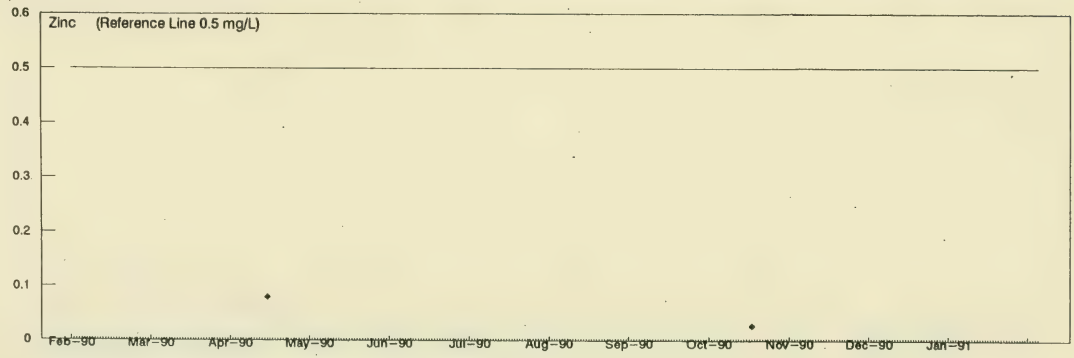
5551

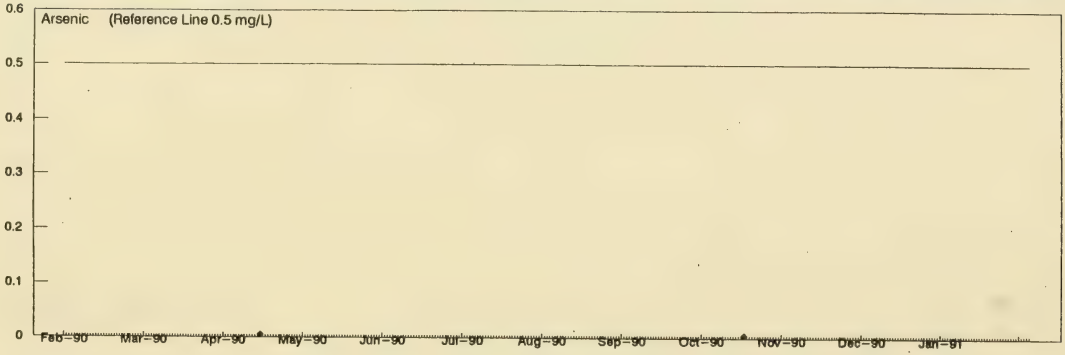

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

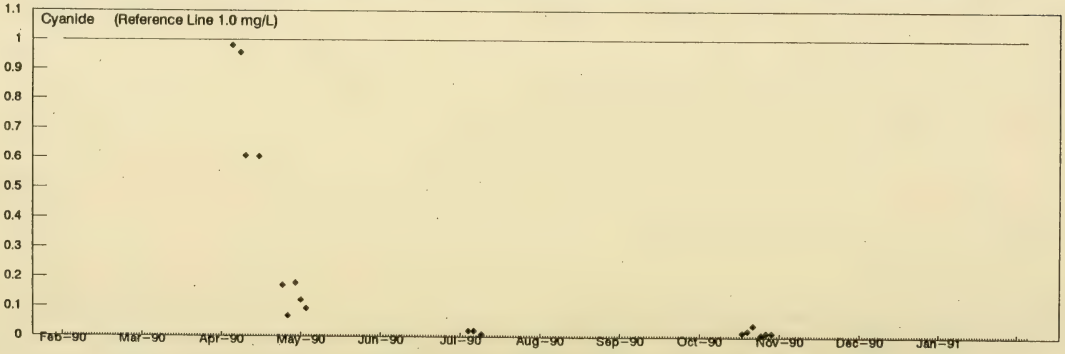

Copper (Reference Line 0.3 mg/L)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

552

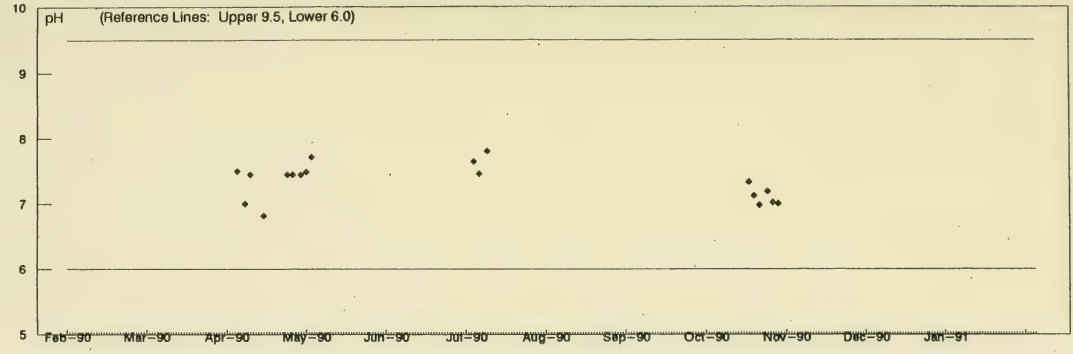

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

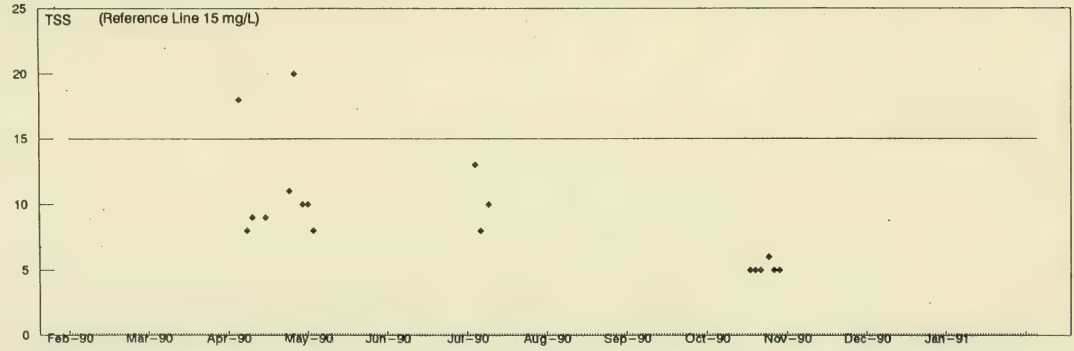

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

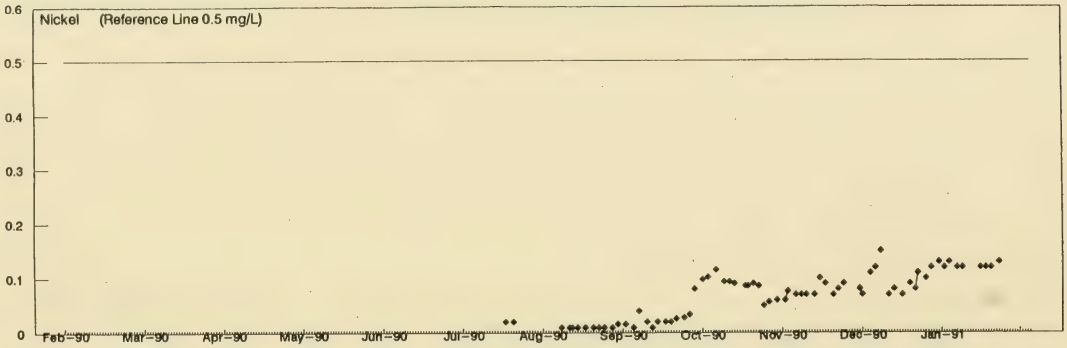

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

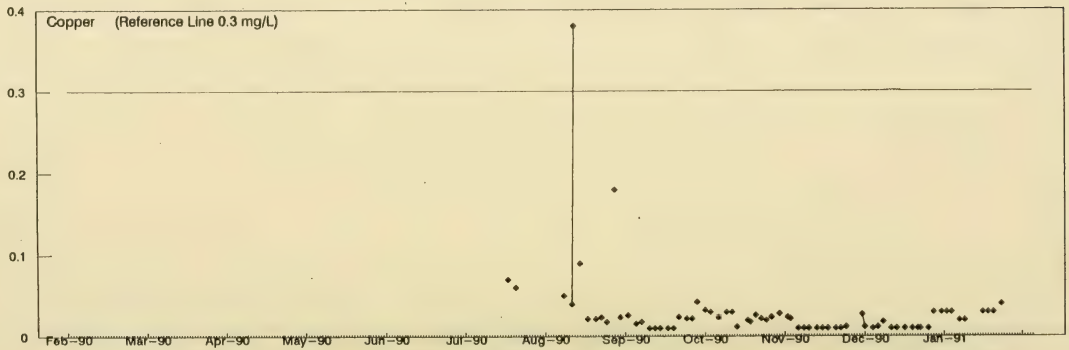

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

5554


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS
(Reference Line 15 mg/L)
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

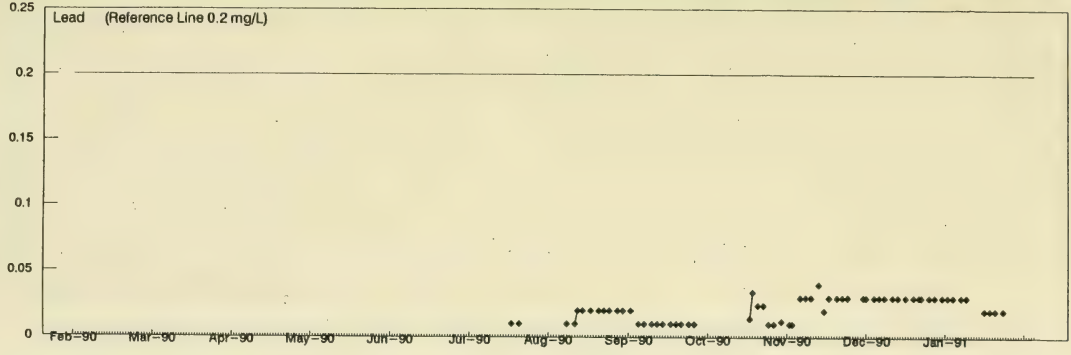

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

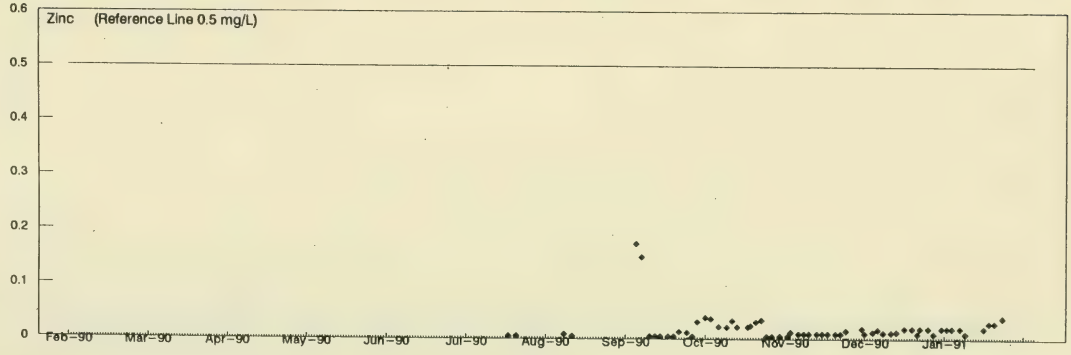

Copper (Reference Line 0.3 mg/L)
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

556

30 – Hemlo Gold Mines, Golden Giant PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

MISA METAL MINING SECTOR
12-MONTH MONITORING DATA

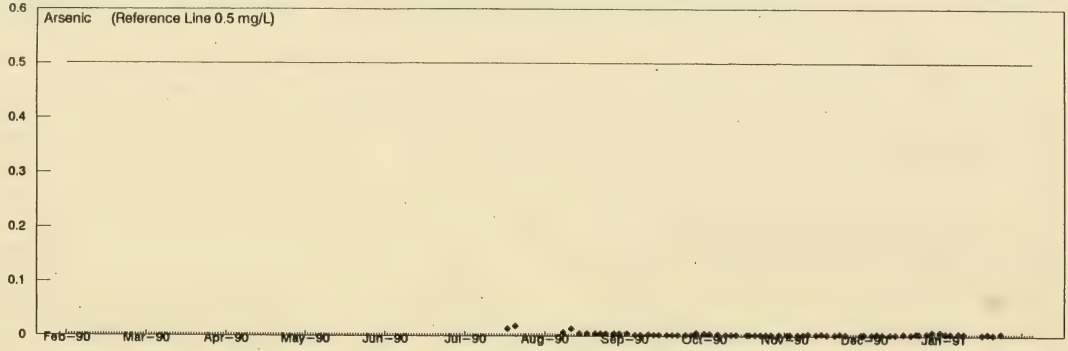


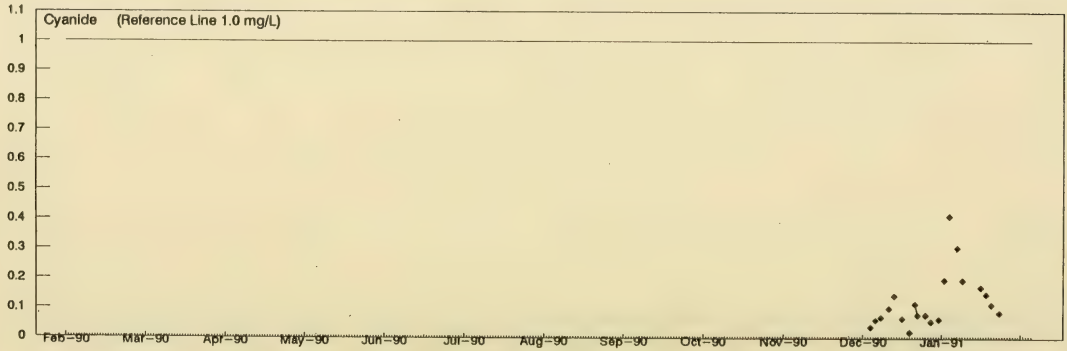


557

30 – Hemlo Gold Mines, Golden Giant PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

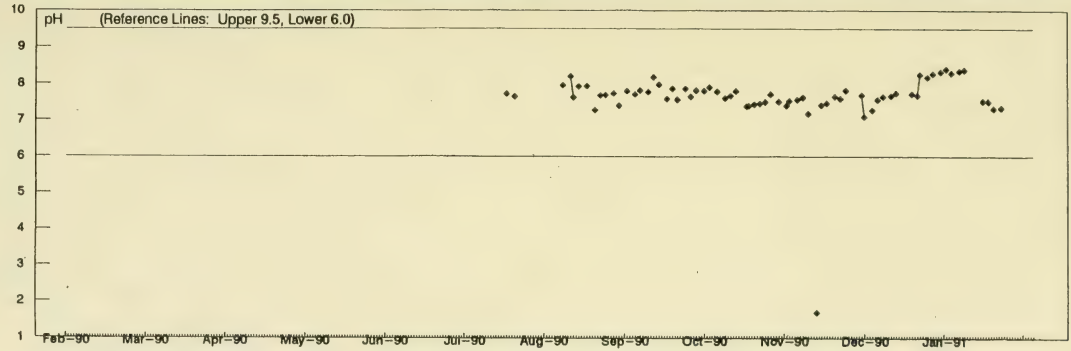
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA

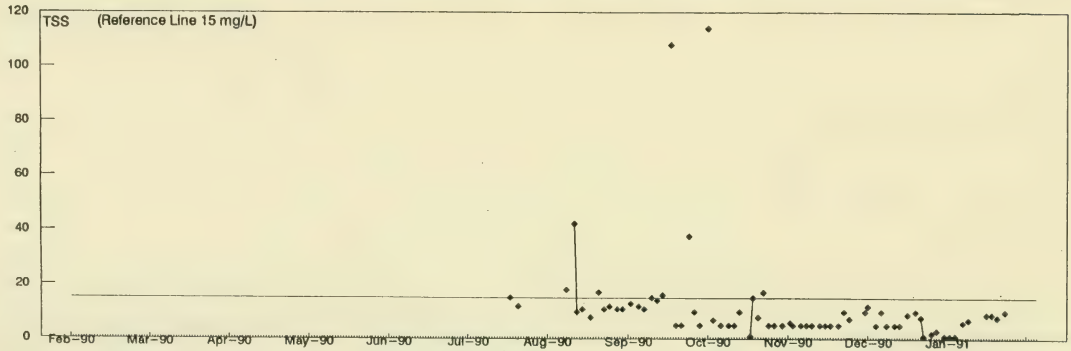




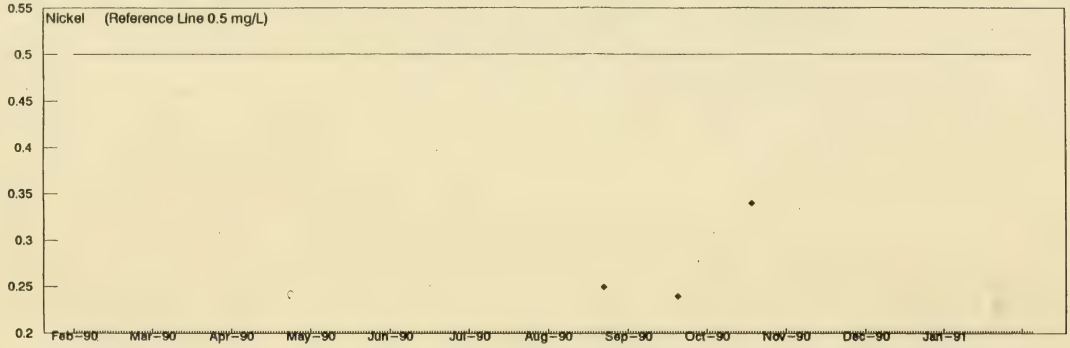
30 – Hemlo Gold Mines, Golden Giant PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

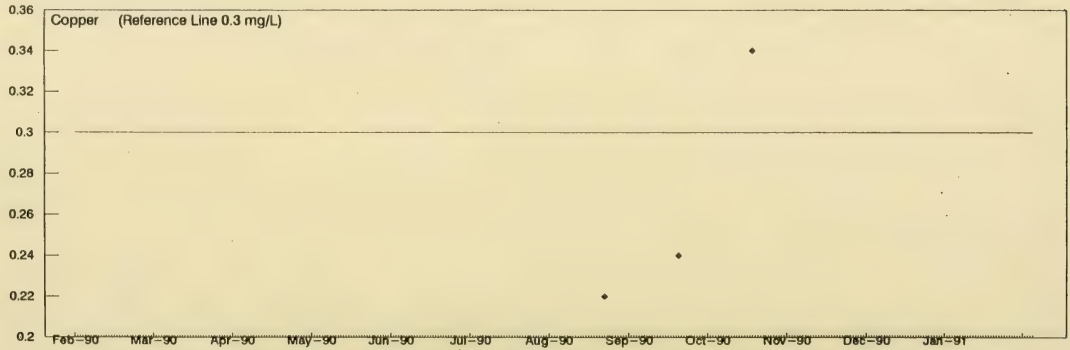
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA



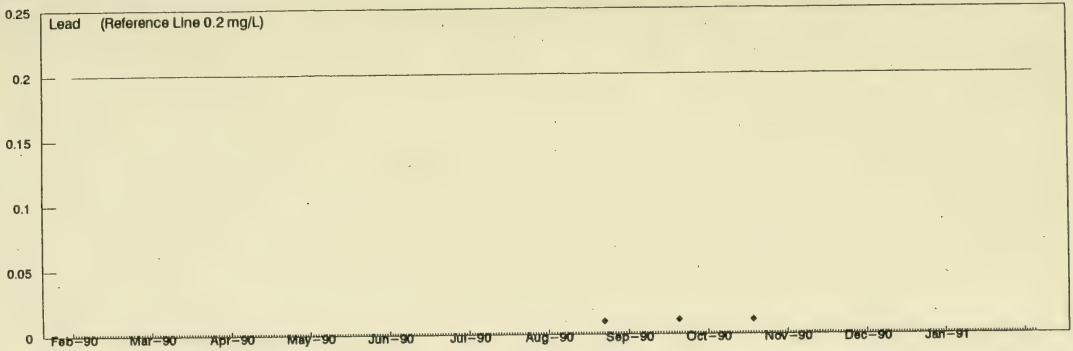


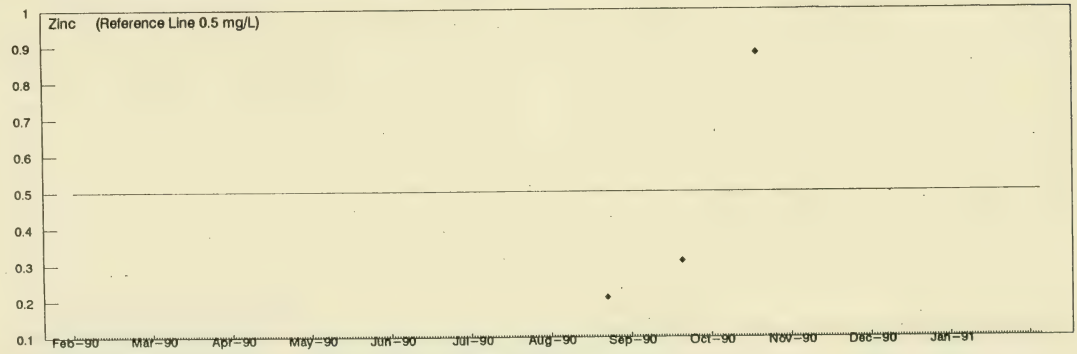
559


Nickel (Reference Line 0.5 mg/L)
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

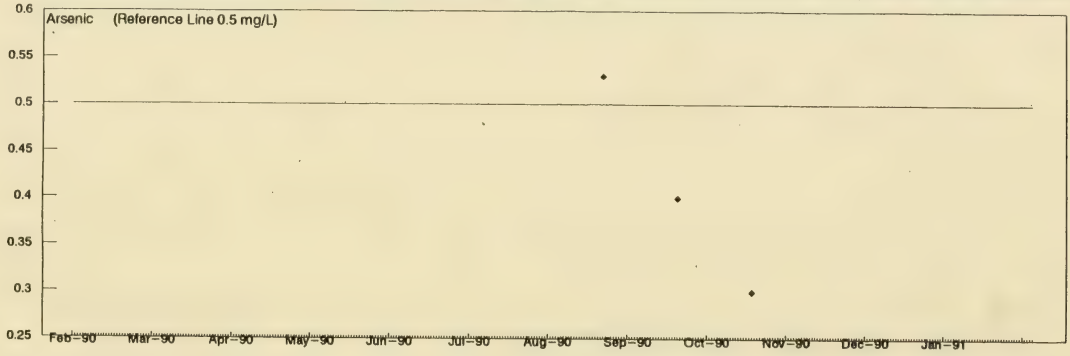

Copper (Reference Line 0.3 mg/L)
0.36
0.34
0.32
0.3
0.28
0.26
0.24
0.22
0.2
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

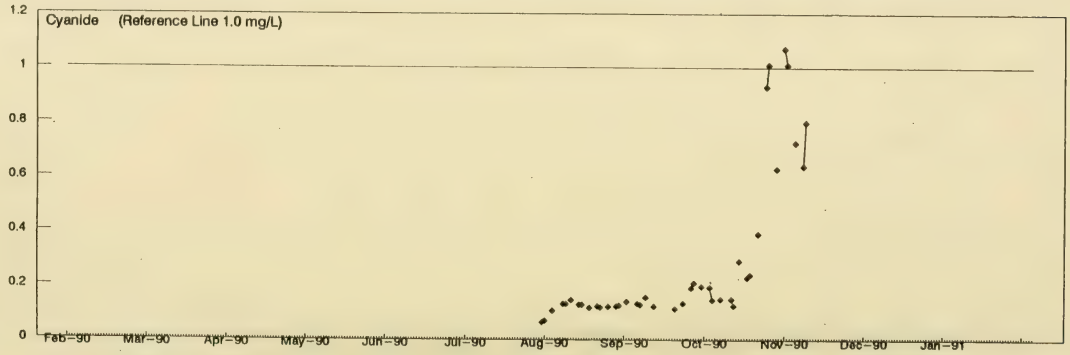
560


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

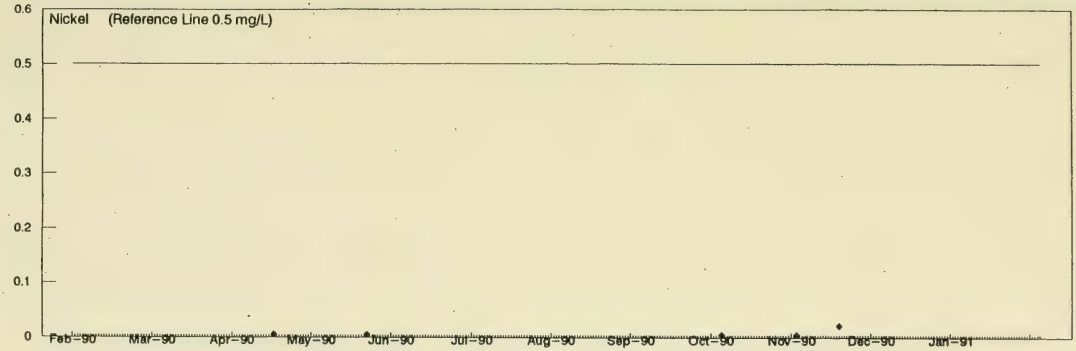

Zinc (Reference Line 0.5 mg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

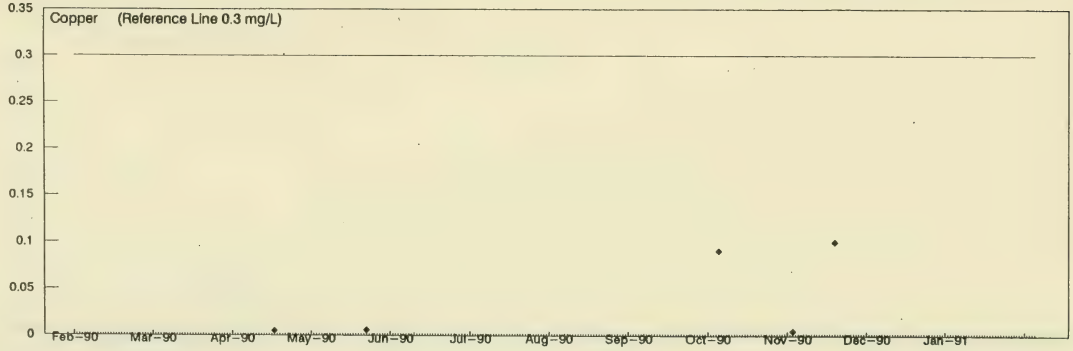
561


Arsenic (Reference Line 0.5 mg/L)
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

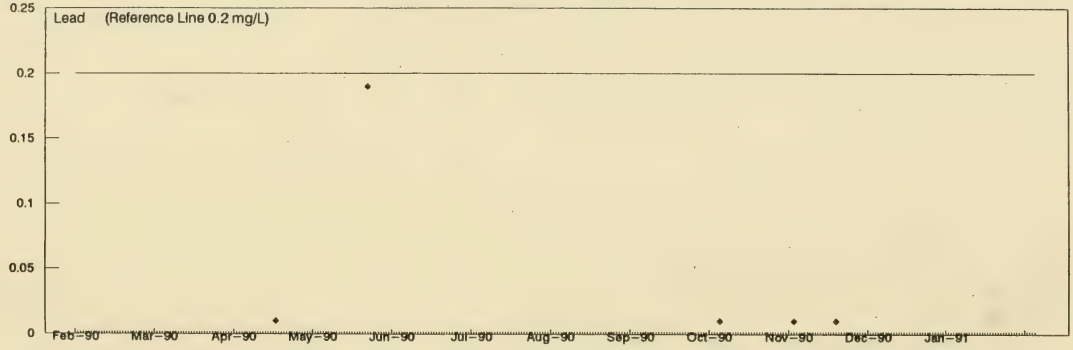

Cyanide (Reference Line 1.0 mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

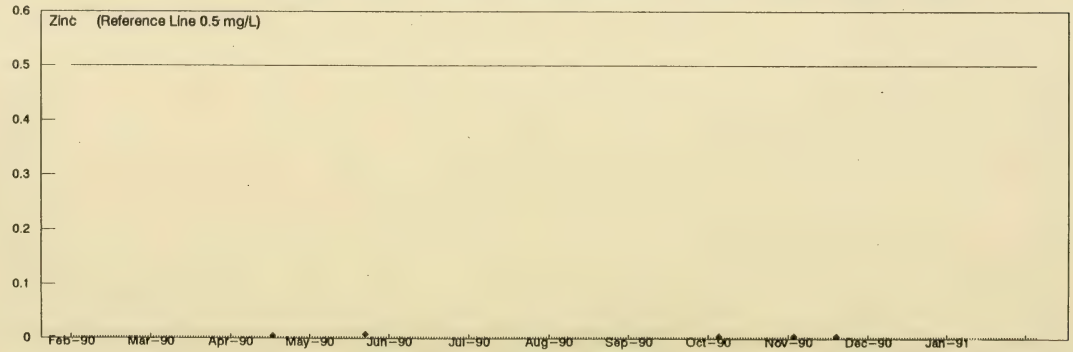
562


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

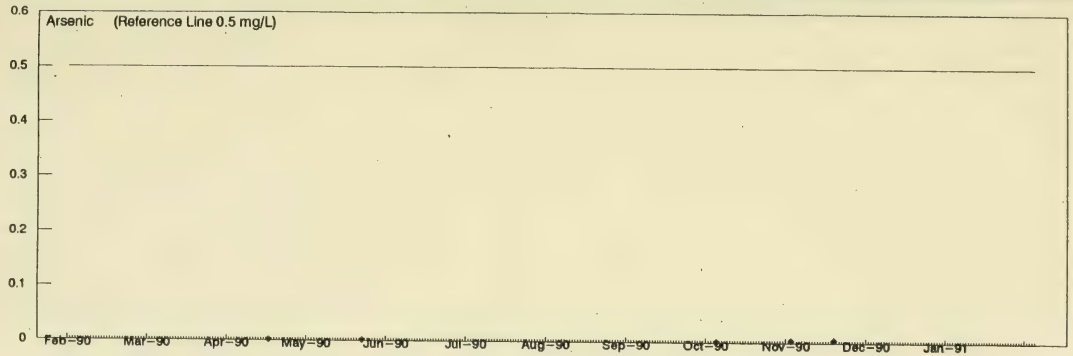

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

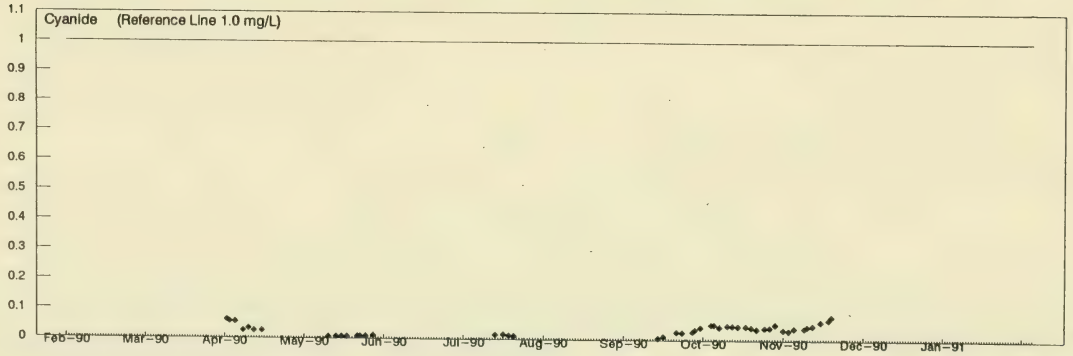
563


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

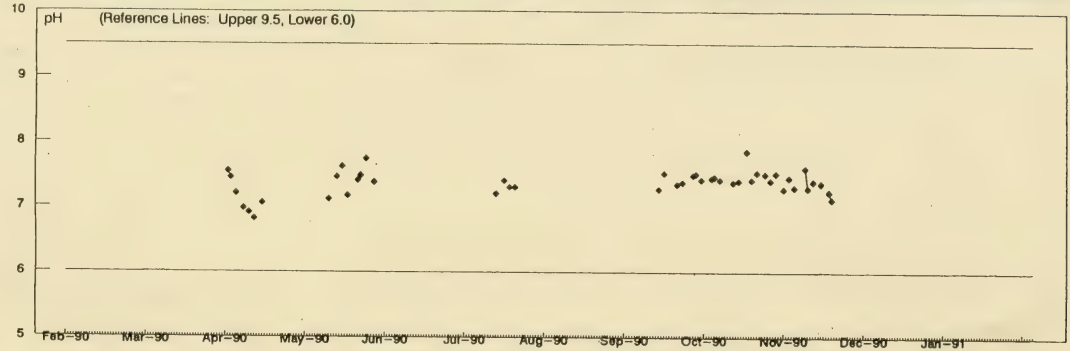

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

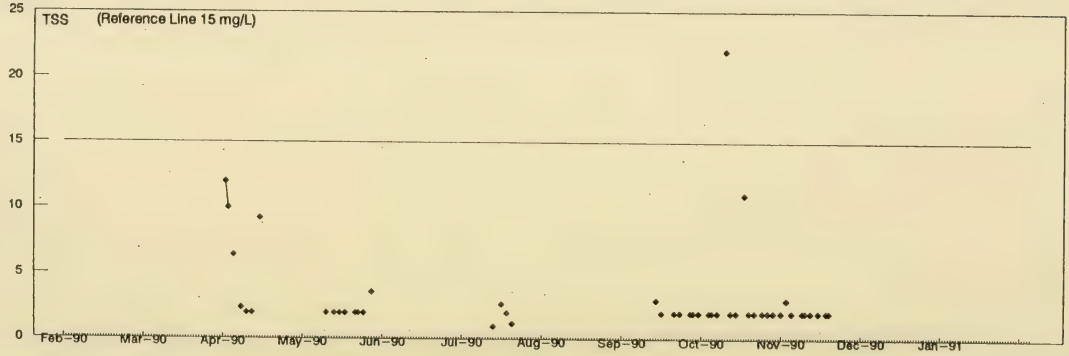
5964

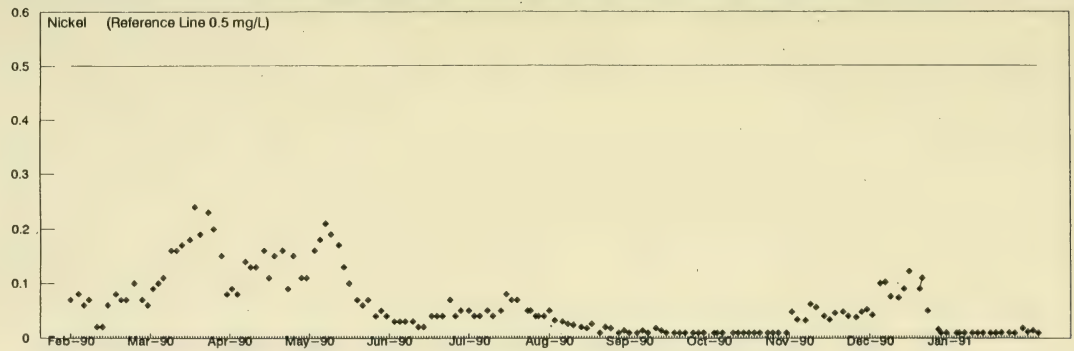

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

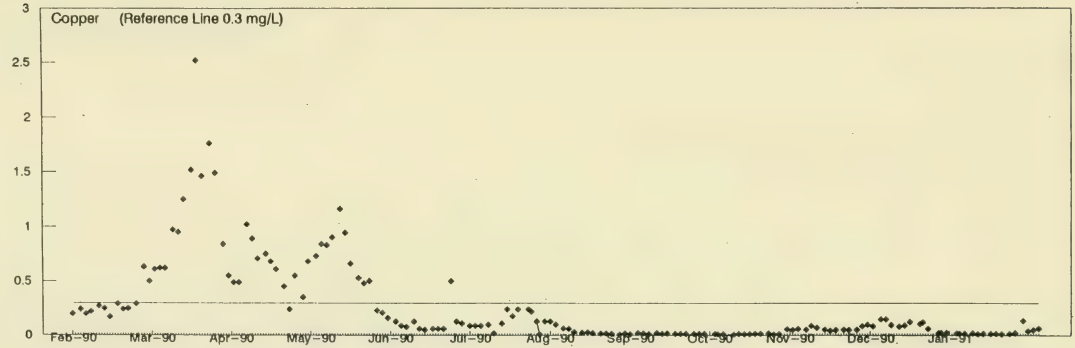

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb-90
Mar-90
Apr-90
May-90
Jun-90
Jul-90
Aug-90
Sep-90
Oct-90
Nov-90
Dec-90
Jan-91

565

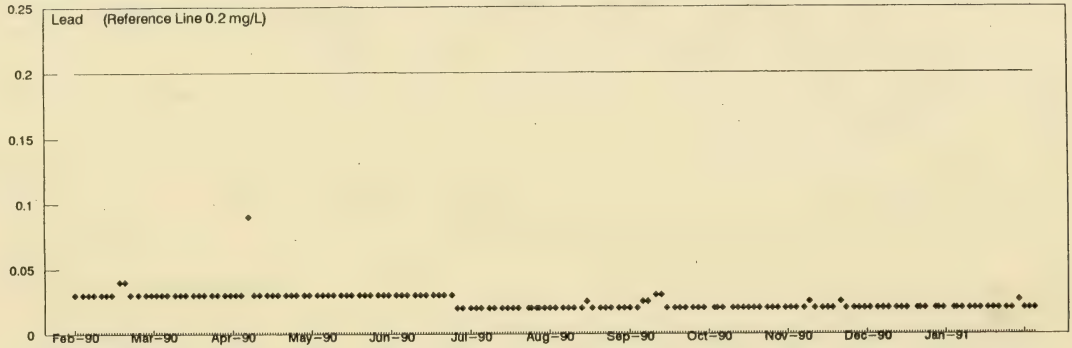

pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

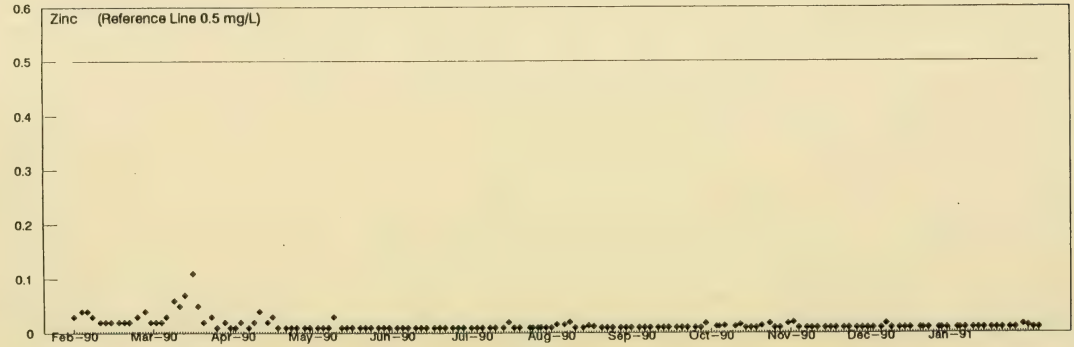

TSS (Reference Line 15 mg/L)
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

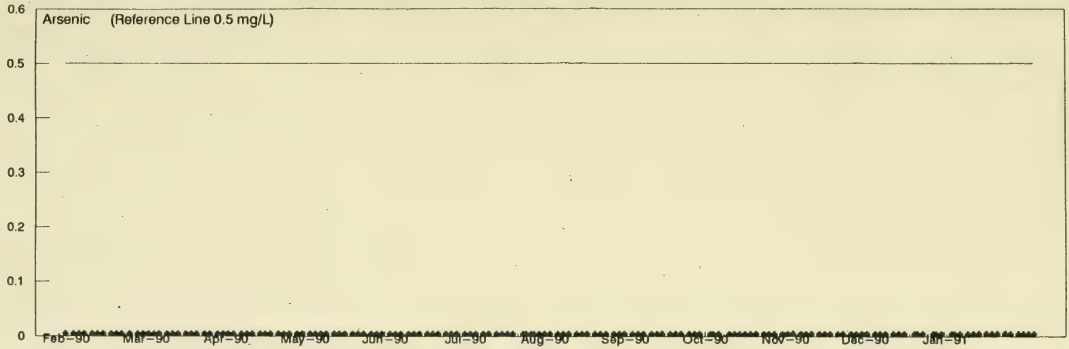

Copper (Reference Line 0.3 mg/L)
3
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

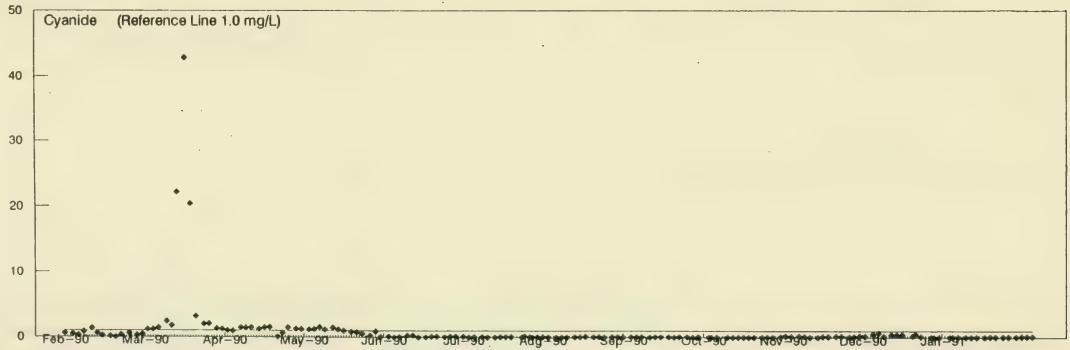
567


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

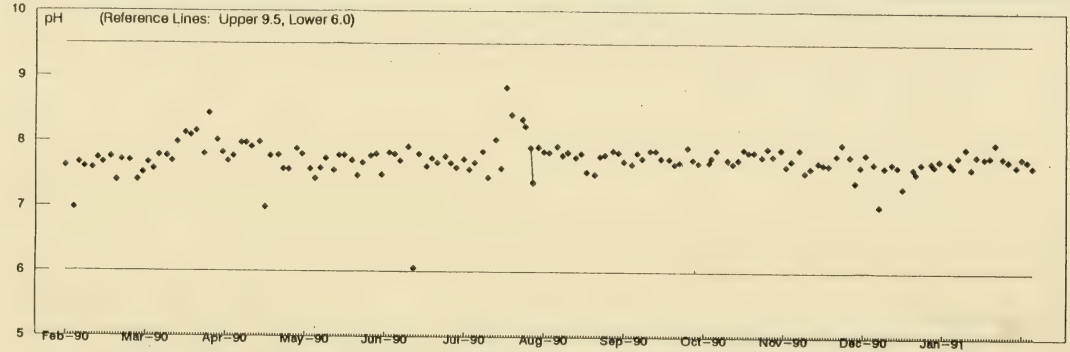

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

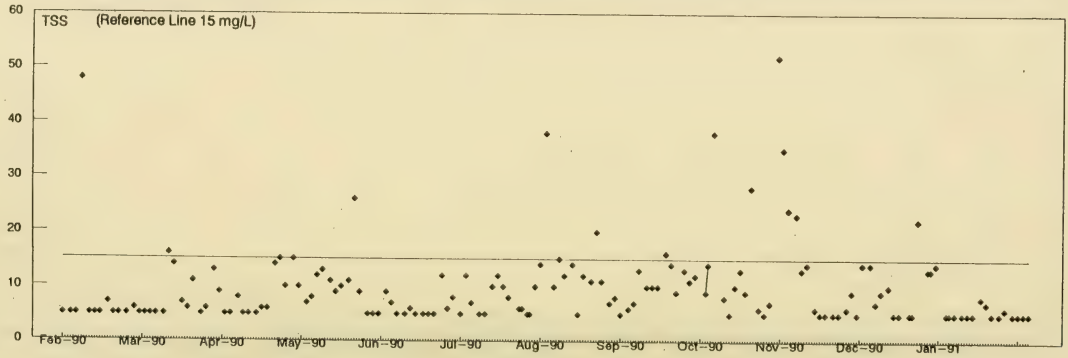
568

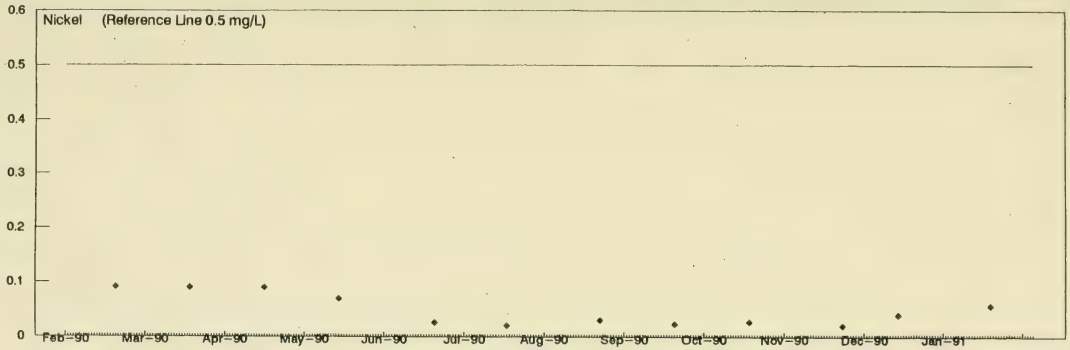

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

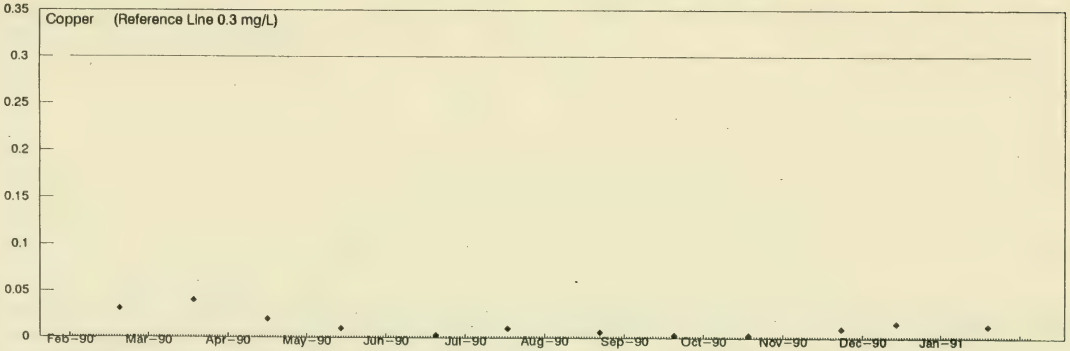

Cyanide (Reference Line 1.0 mg/L)
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

569

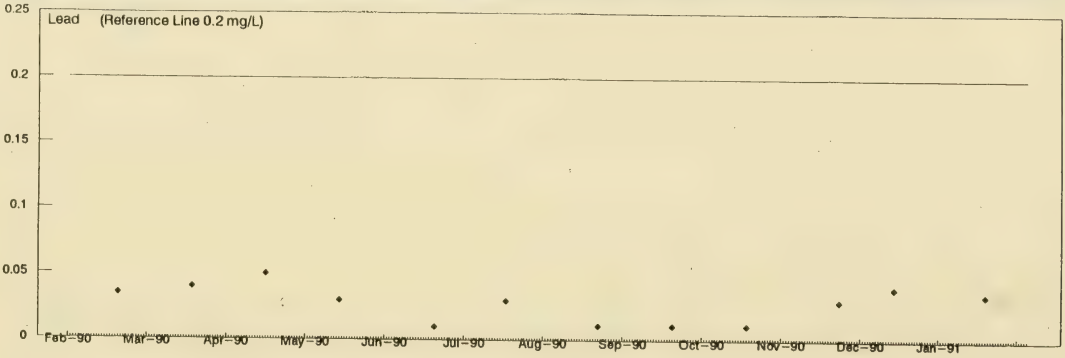

pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

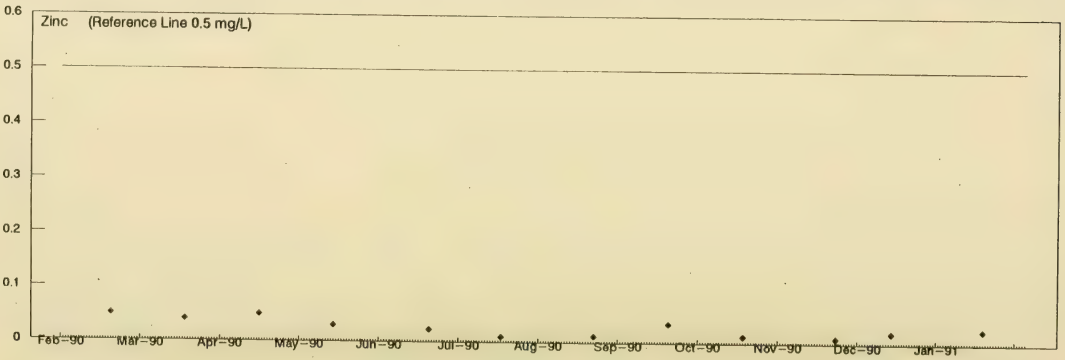

TSS
(Reference Line 15 mg/L)
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

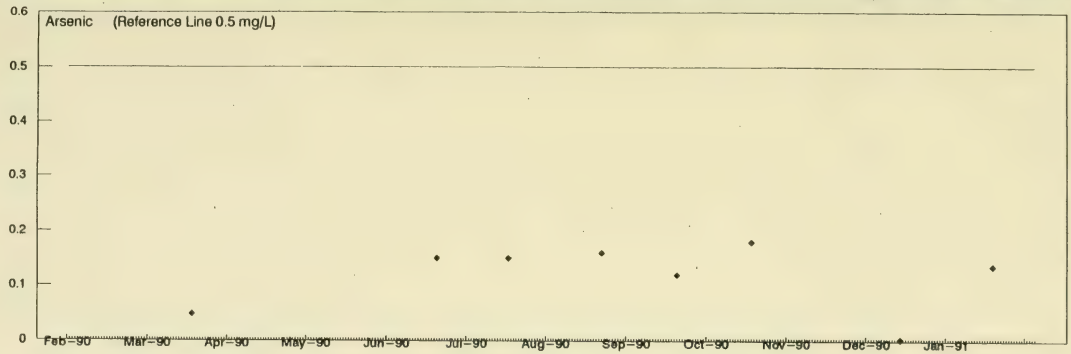

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

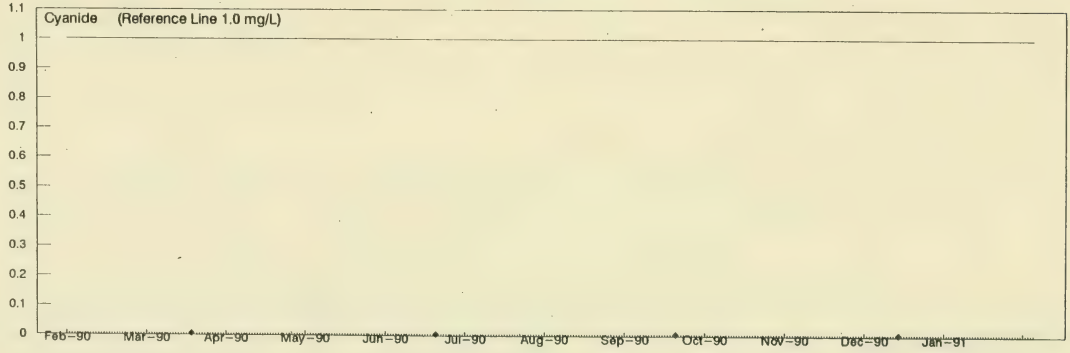

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

35 – Canamax, Marhill Mine | MW 0100 – Minewater | MISA METAL MINING SECTOR
Daily Concentration Plots: | February 1, 1990 to January 31, 1991 | 12–MONTH MONITORING DATA

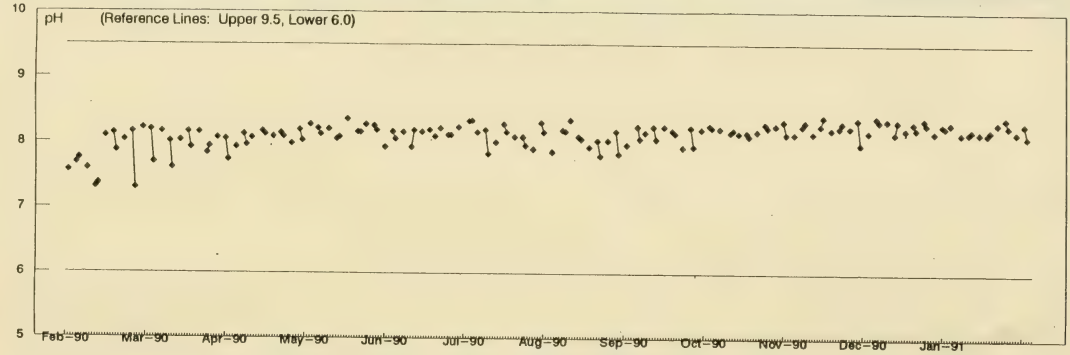


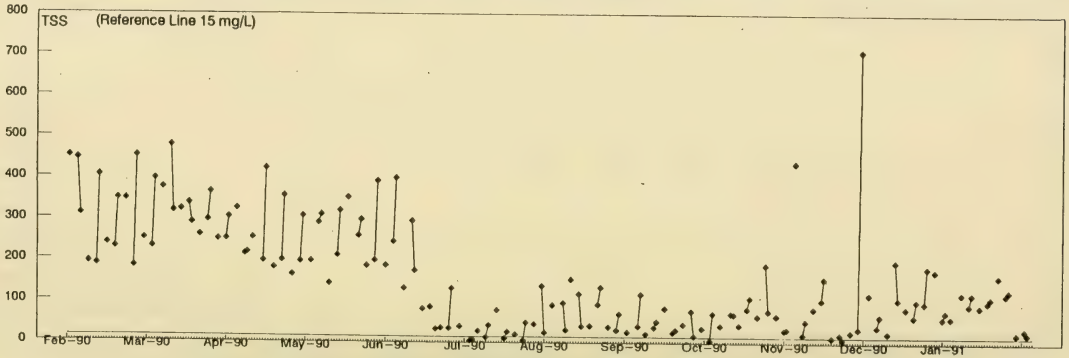


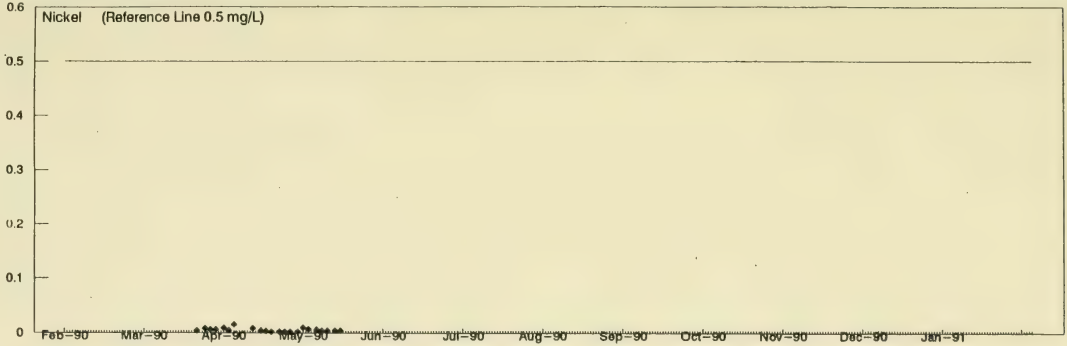

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

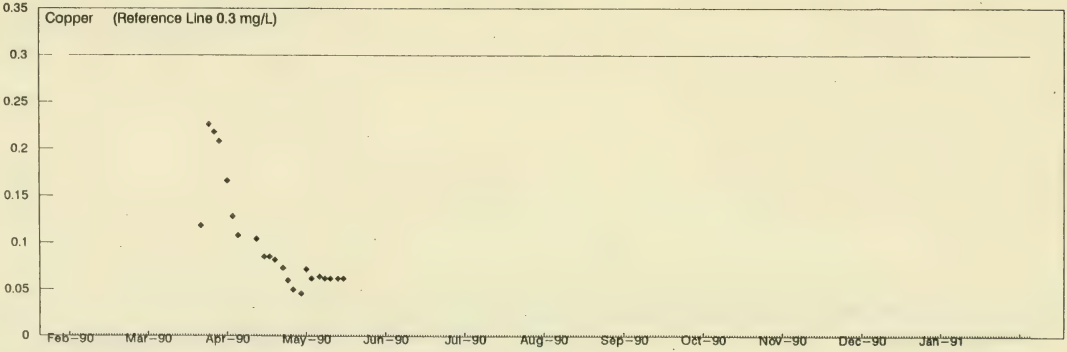

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

573


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS
(Reference Line 15 mg/L)
800
700
600
500
400
300
200
100
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

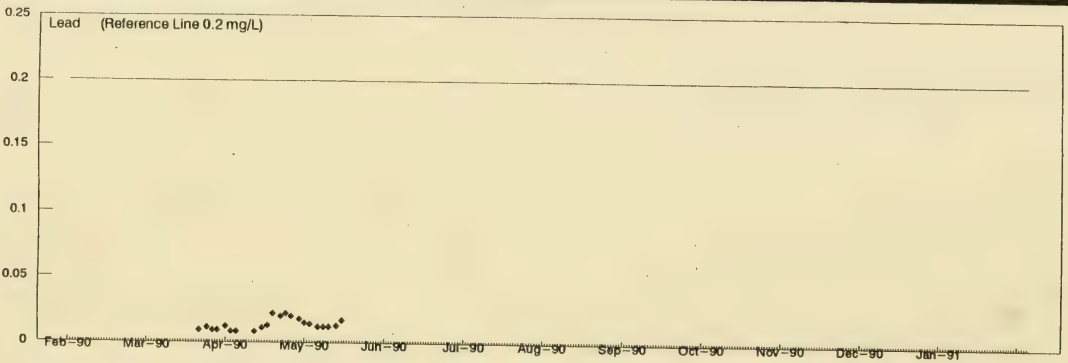

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

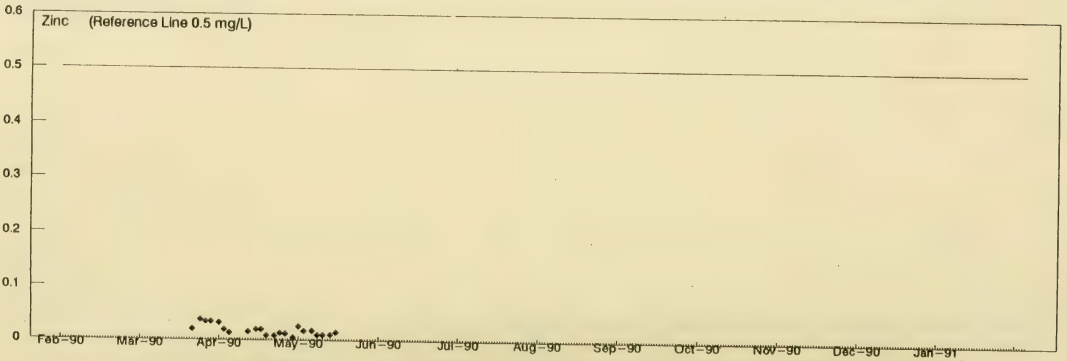

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

5775

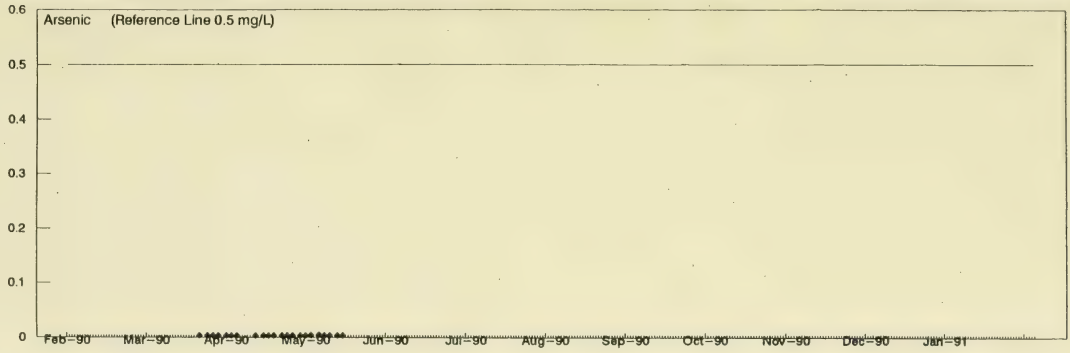
36 – American Barrick, McDermott PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

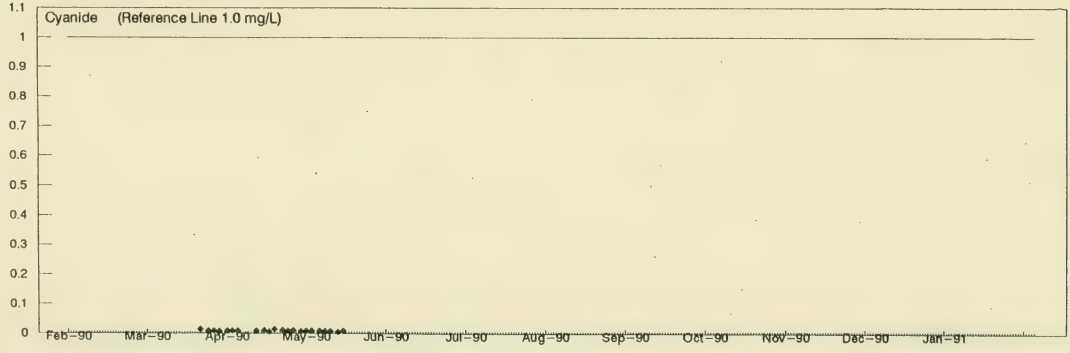
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA

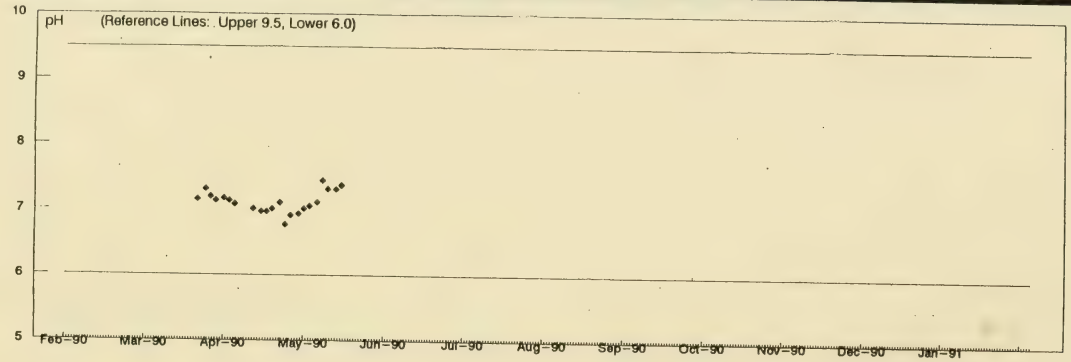


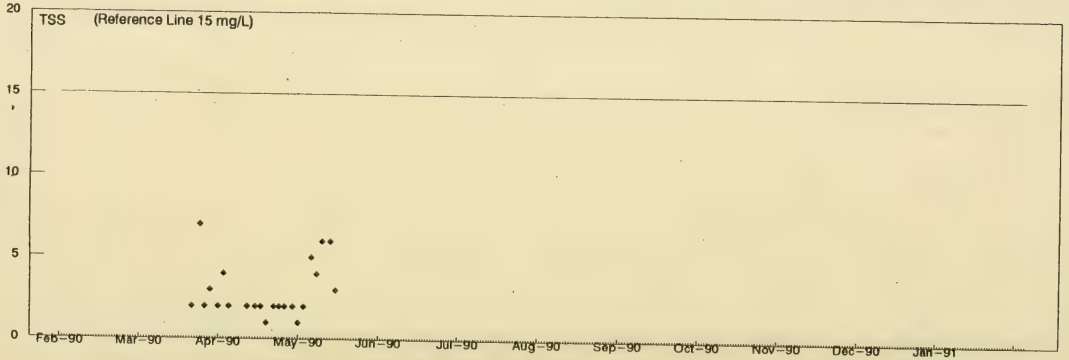


576

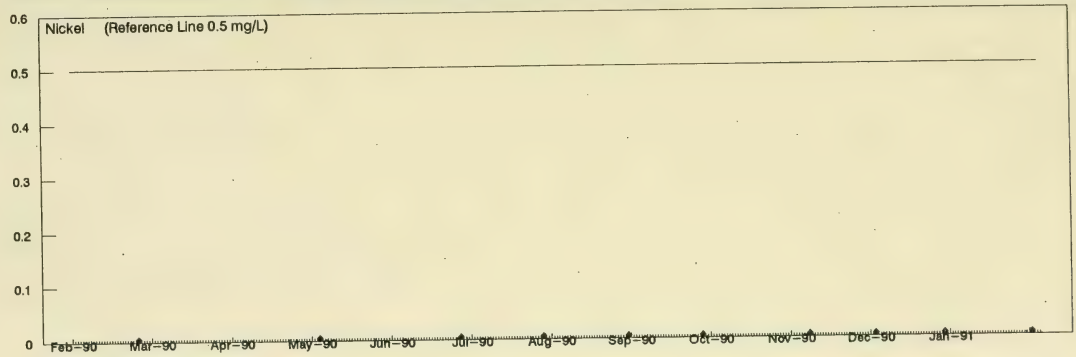

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

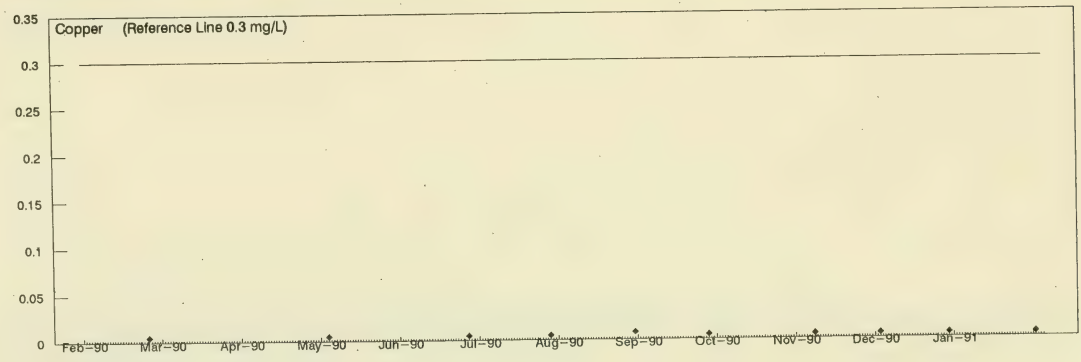

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS
(Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

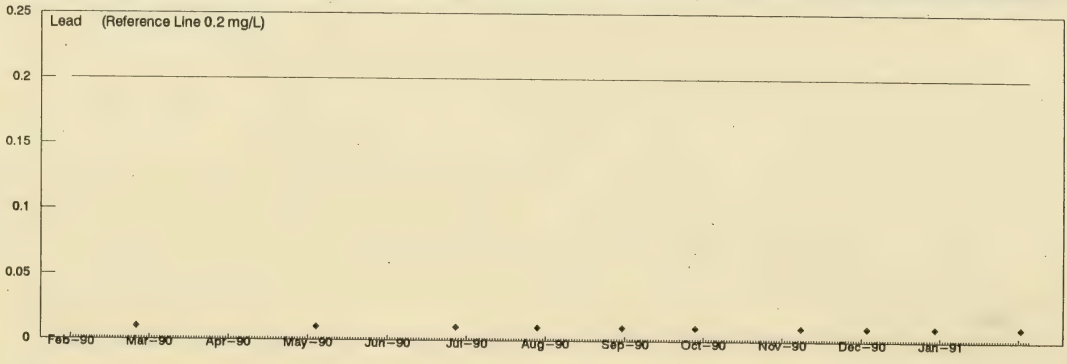
578

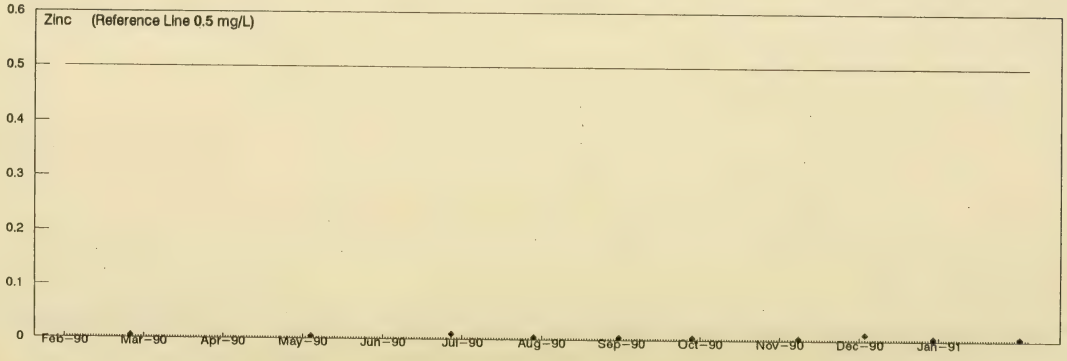

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

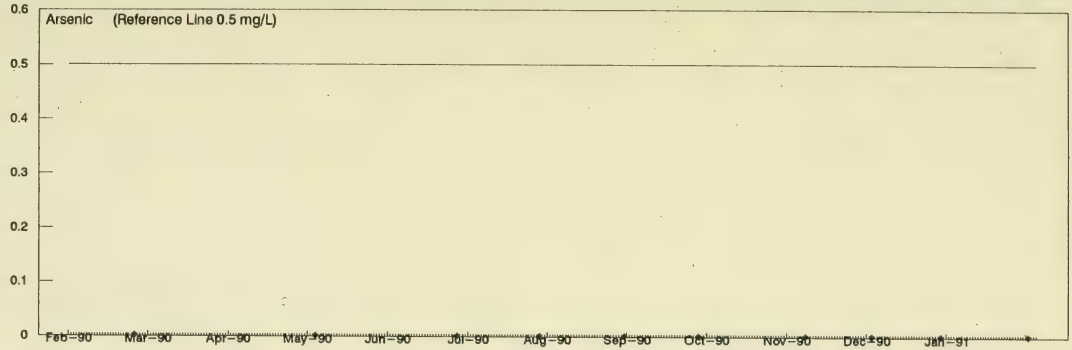

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

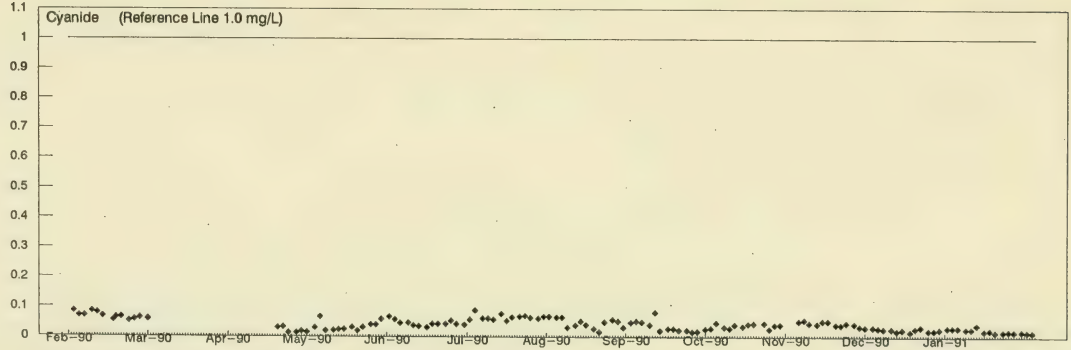
37 – Bond Gold, Muskegsagagen Lake PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

MISA METAL MINING SECTOR
12–MONTH MONITORING DATA



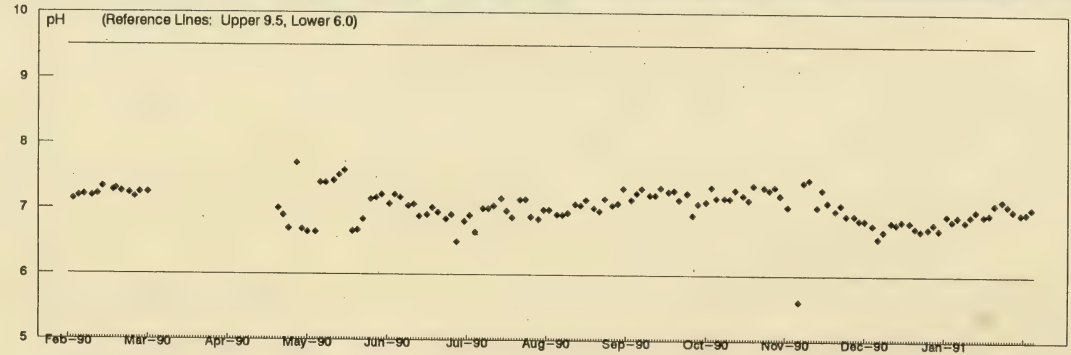


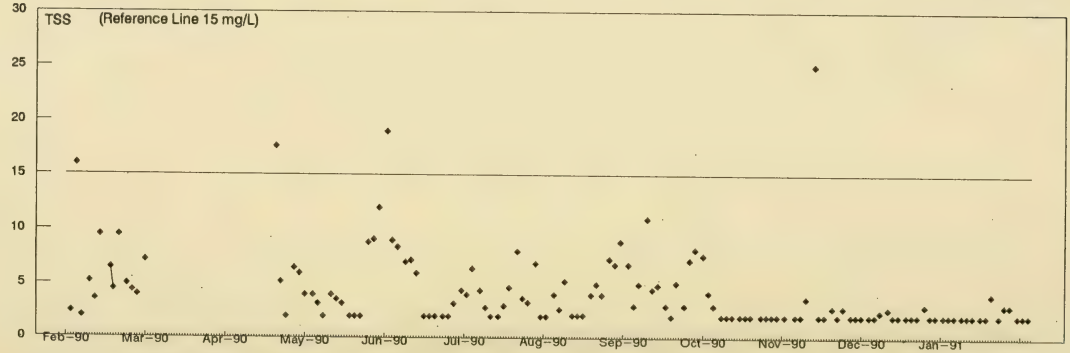

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

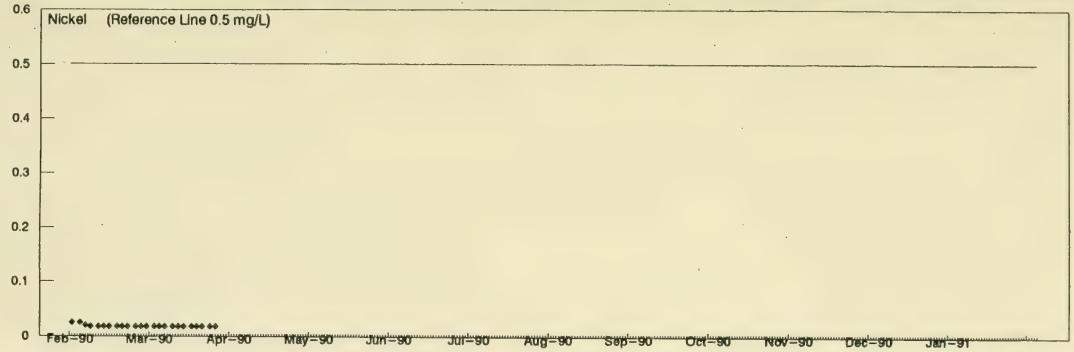

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

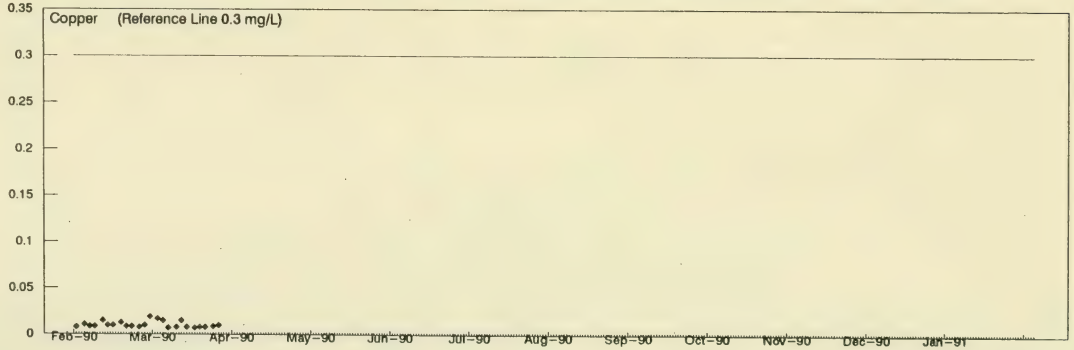
37 – Bond Gold, Muskegsagagen Lake PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

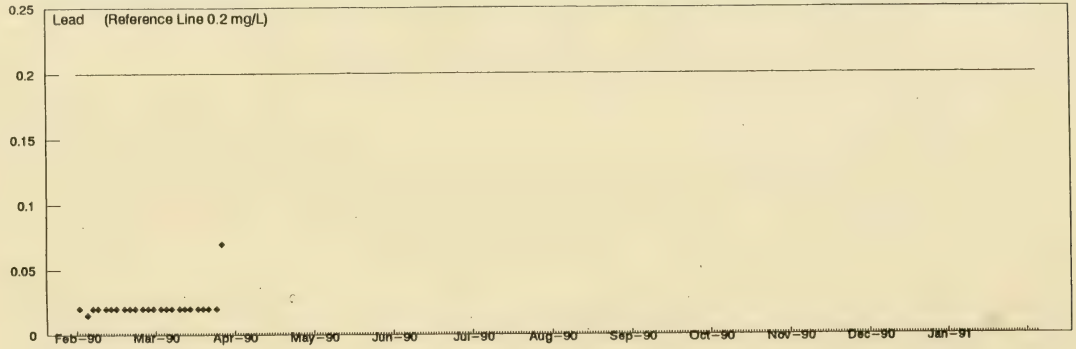
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA

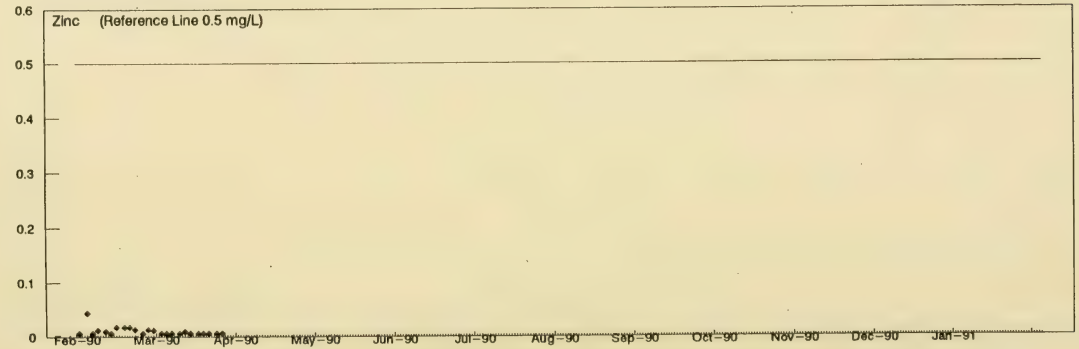




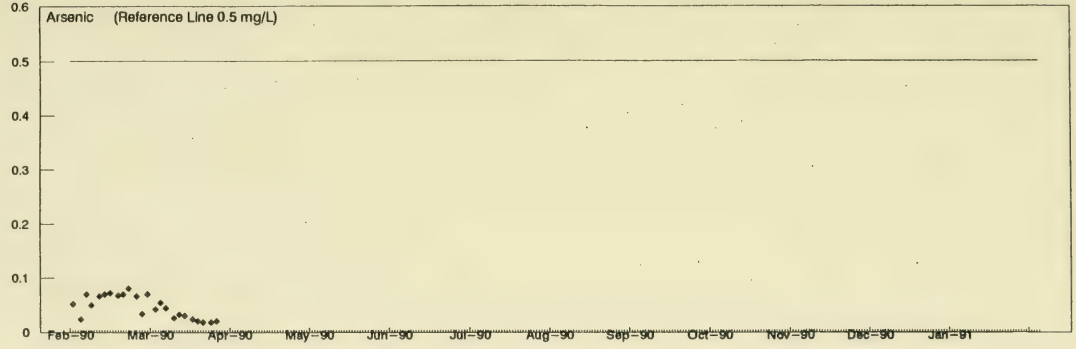

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

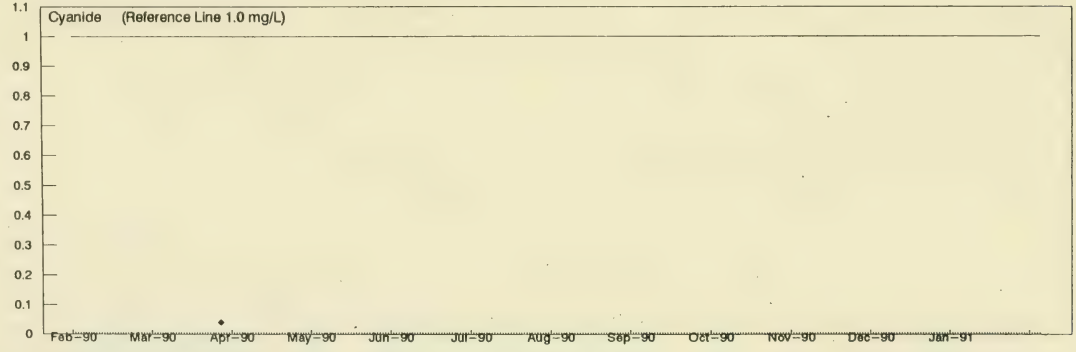

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

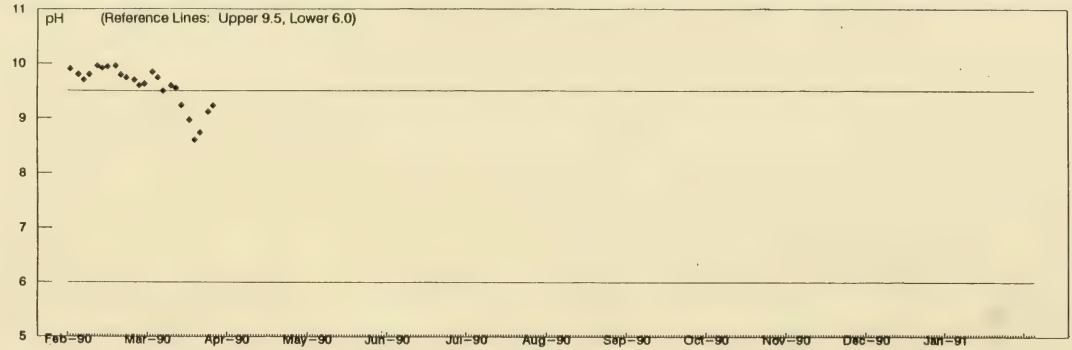

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

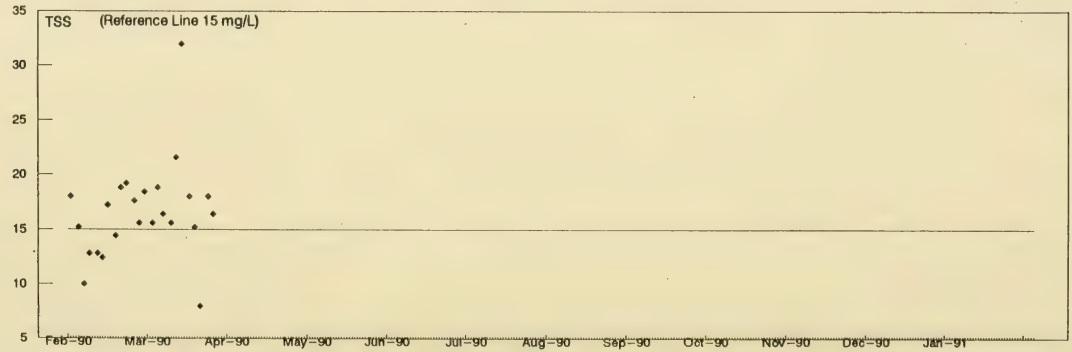
584


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

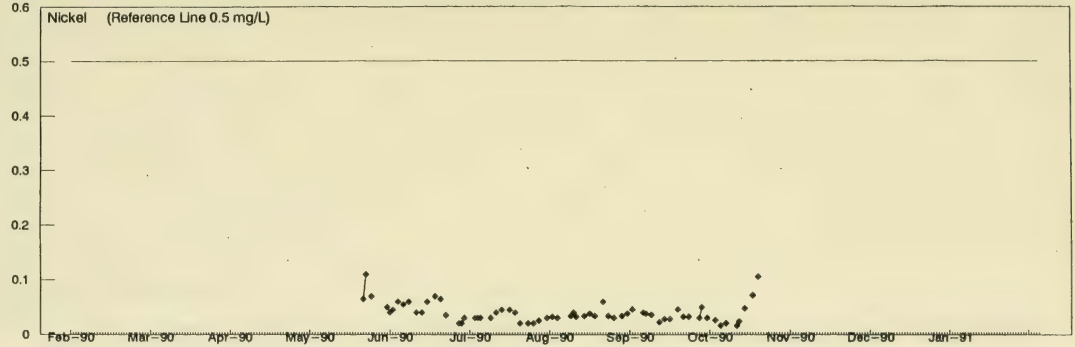

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

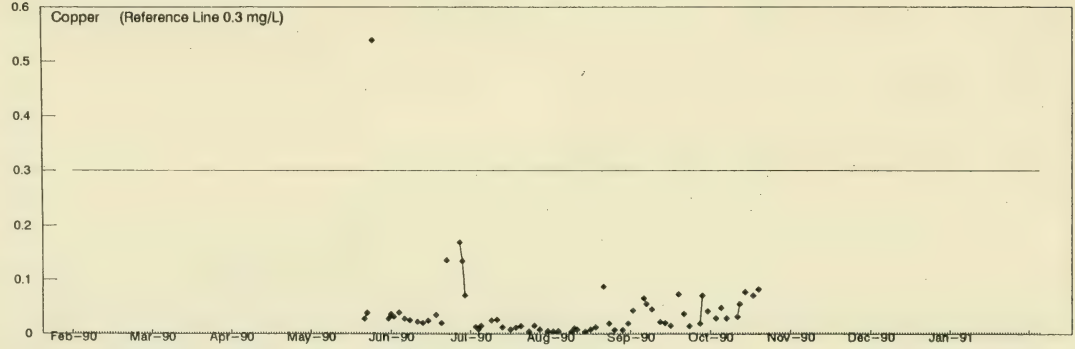
5885


pH (Reference Lines: Upper 9.5, Lower 6.0)
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

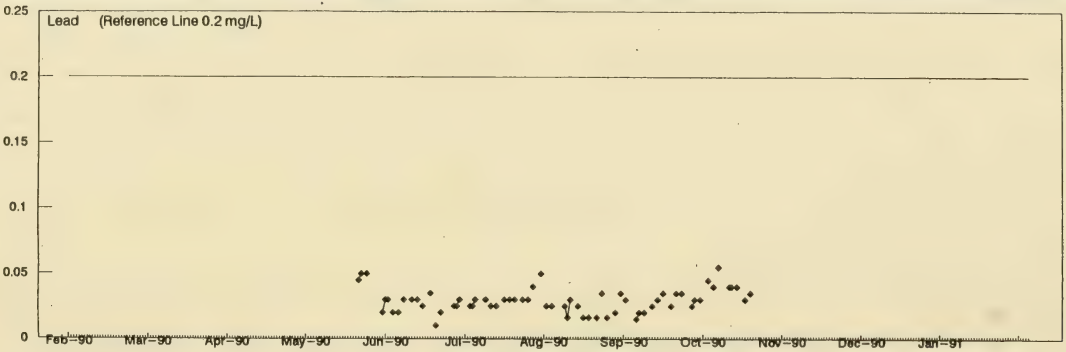

TSS (Reference Line 15 mg/L)
35
30
25
20
15
10
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

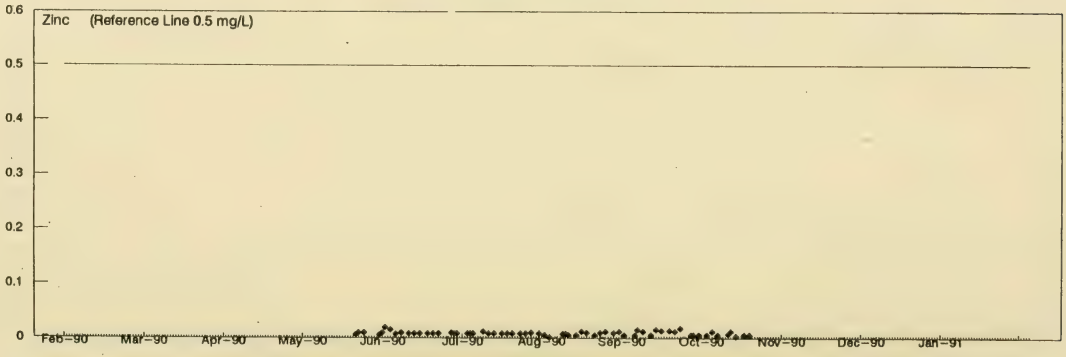
586


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

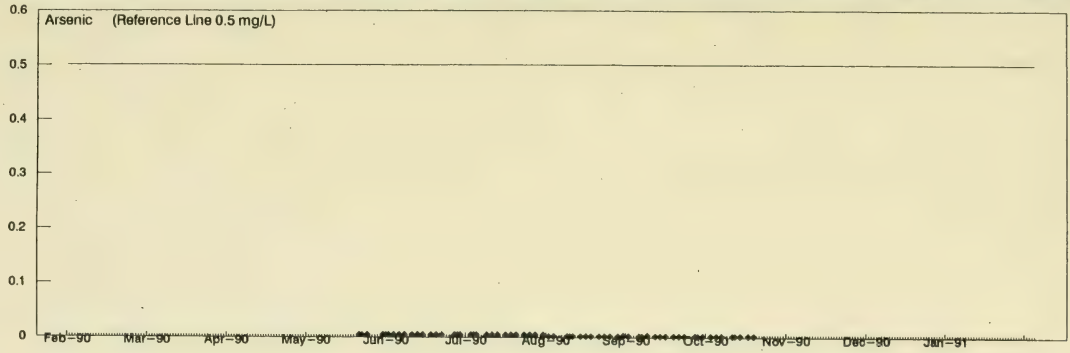

Copper (Reference Line 0.3 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

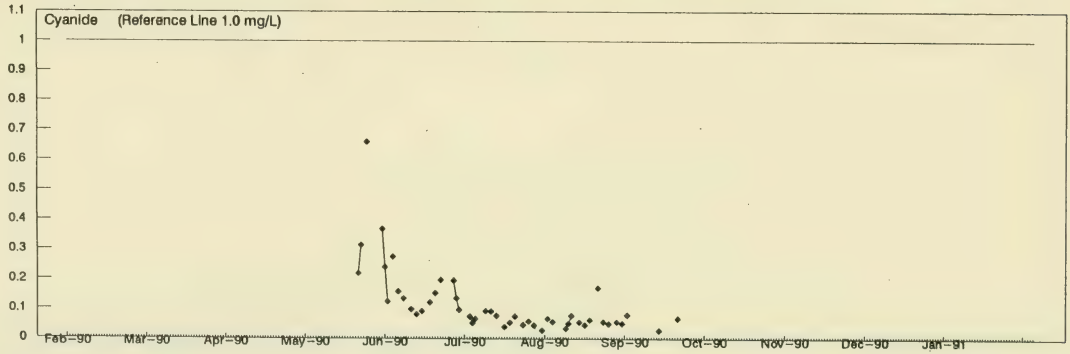
587


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

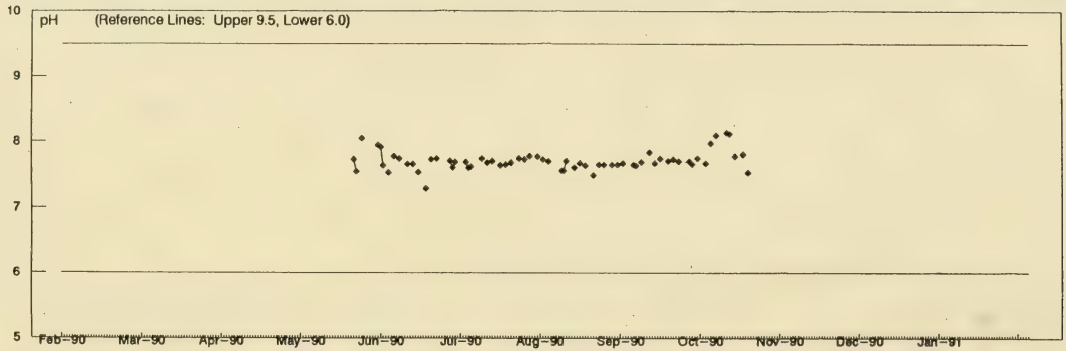

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

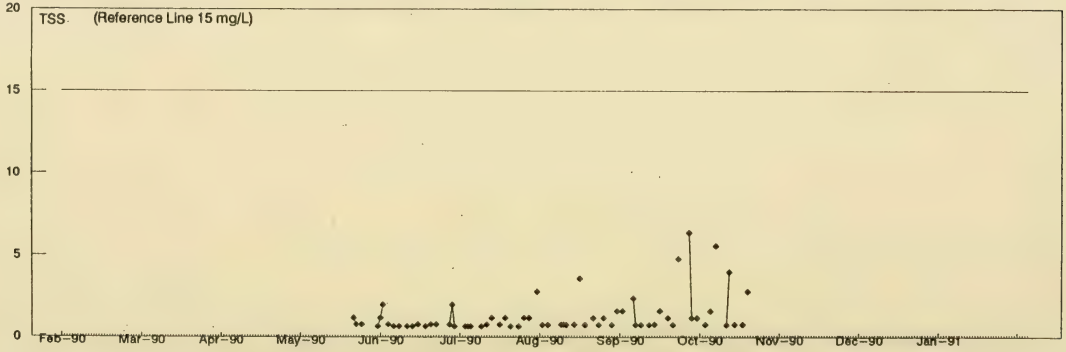
588


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

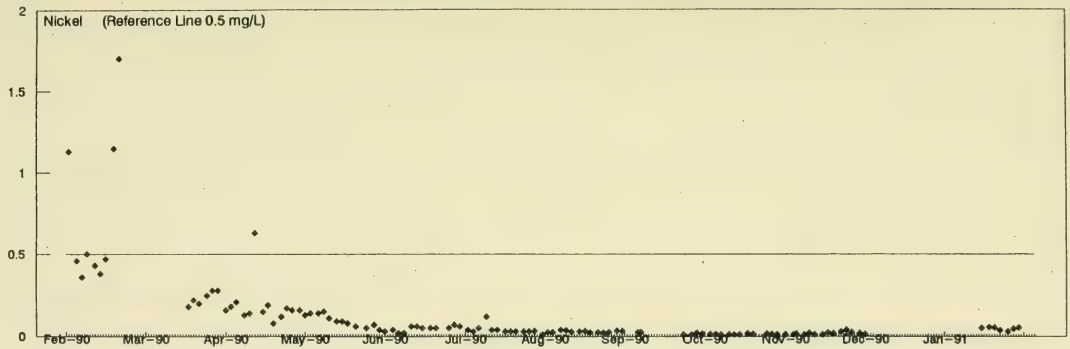

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

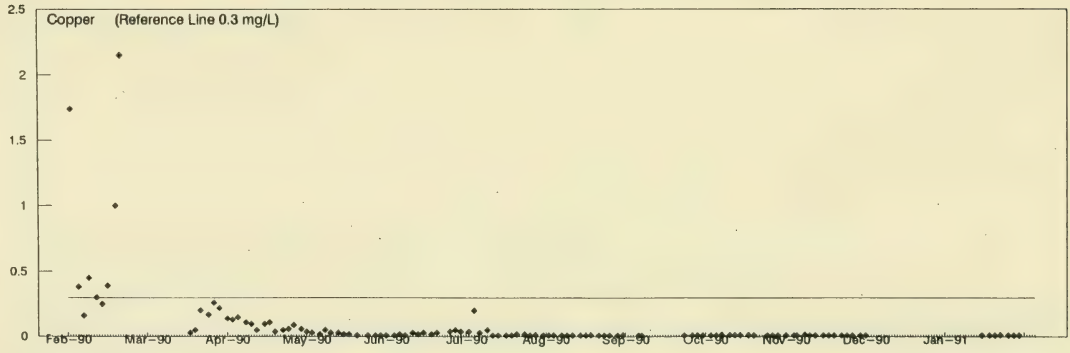
589


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

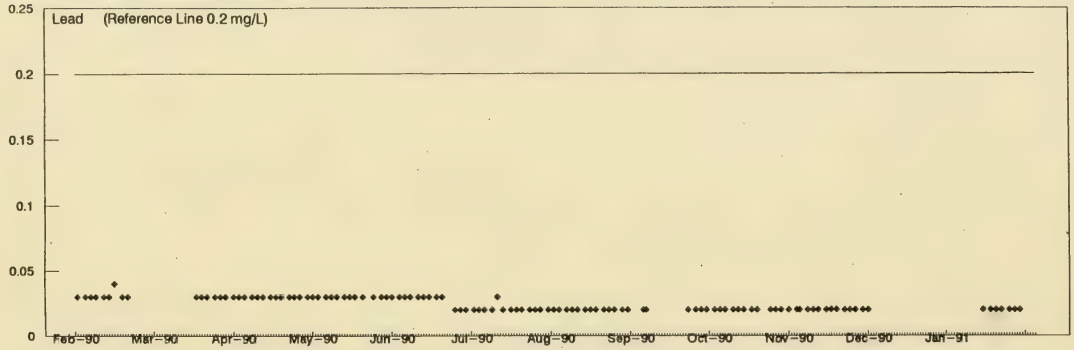

TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

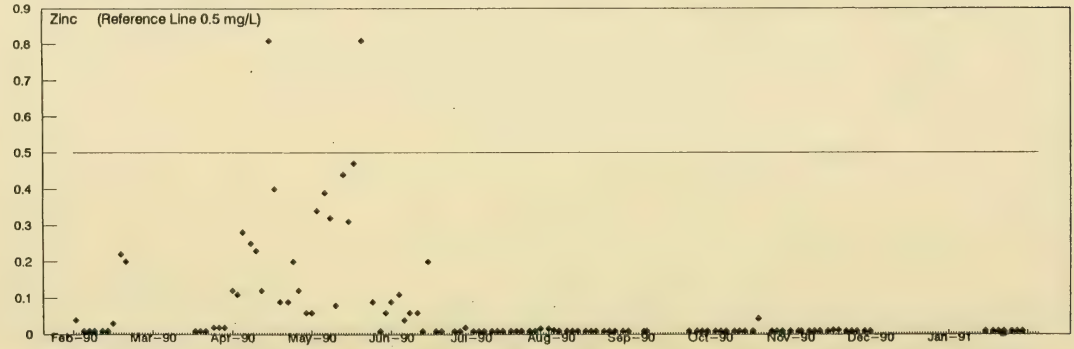
590


Nickel (Reference Line 0.5 mg/L)
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

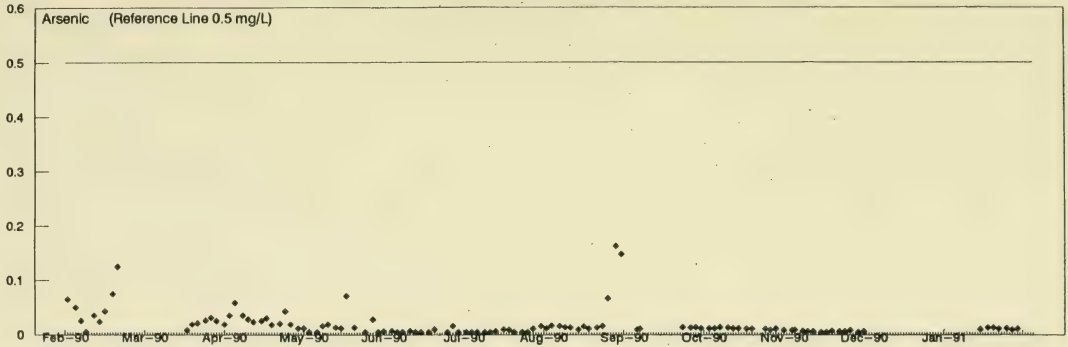

Copper (Reference Line 0.3 mg/L)
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

591


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

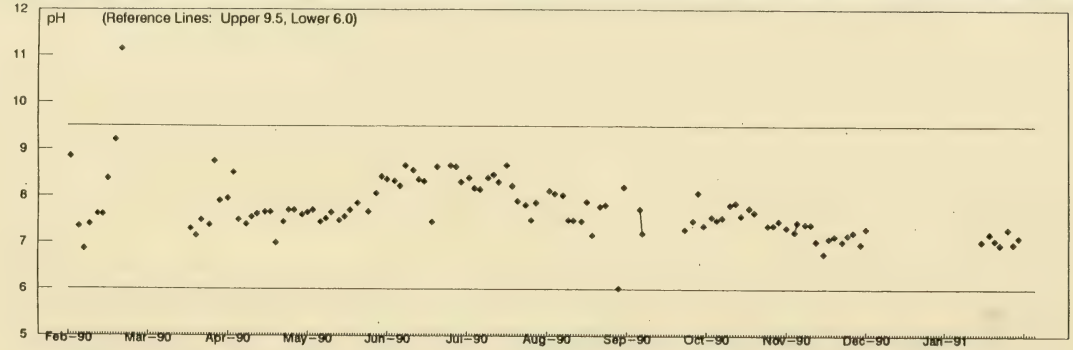

Zinc (Reference Line 0.5 mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

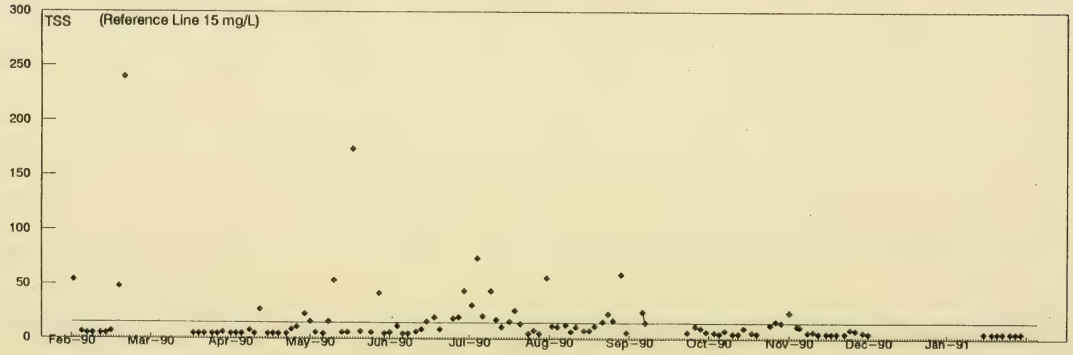
592


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

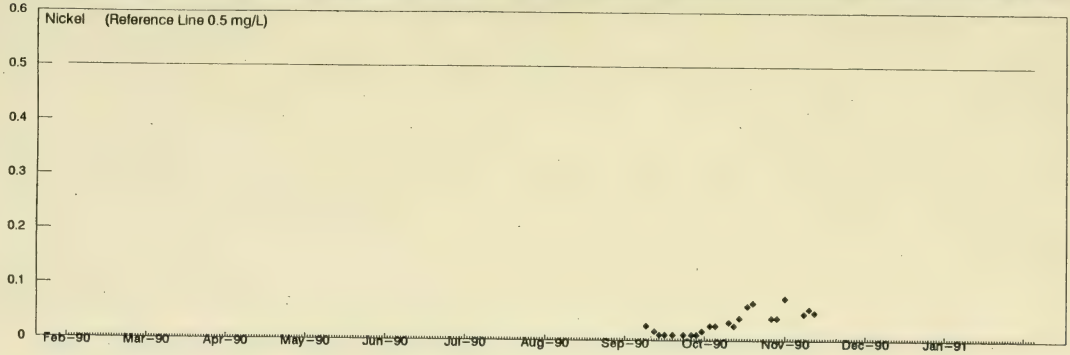
Cyanide (Reference Line 1.0 mg/L)
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

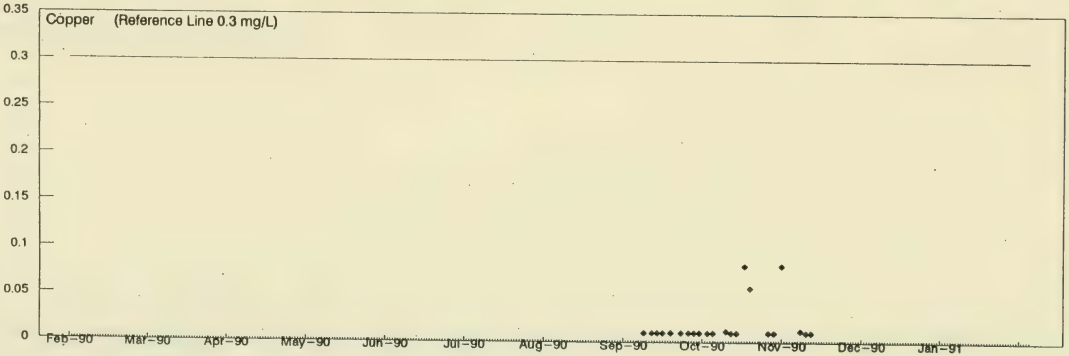
563


pH
(Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

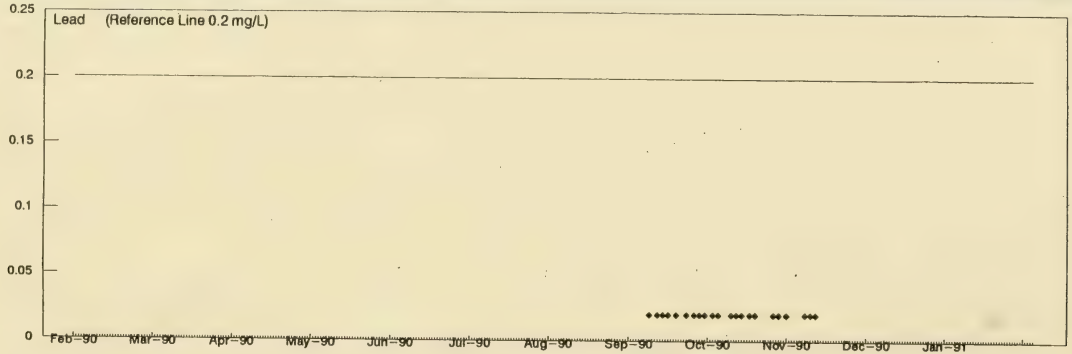

TSS
(Reference Line 15 mg/L)
300
250
200
150
100
50
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

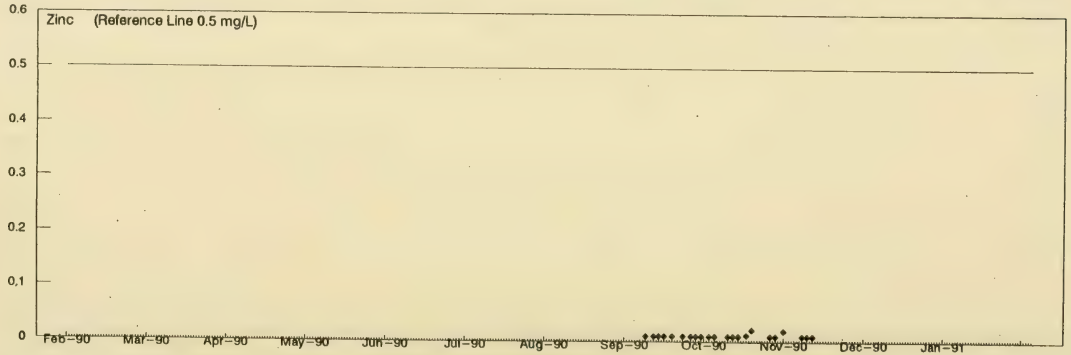
594


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

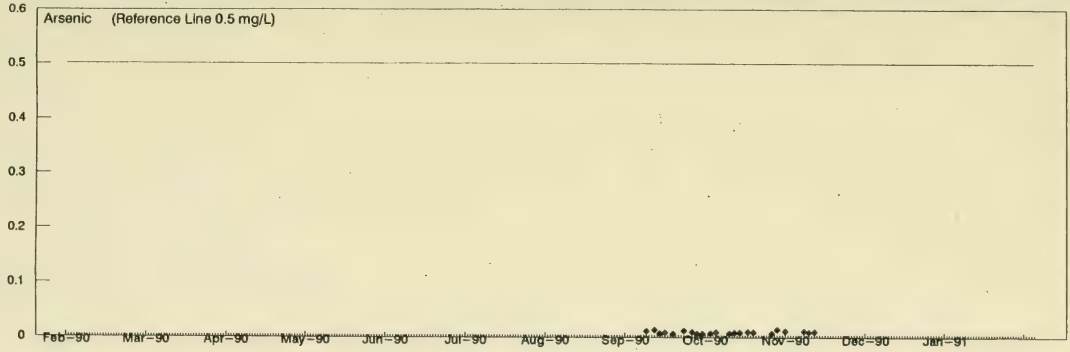

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

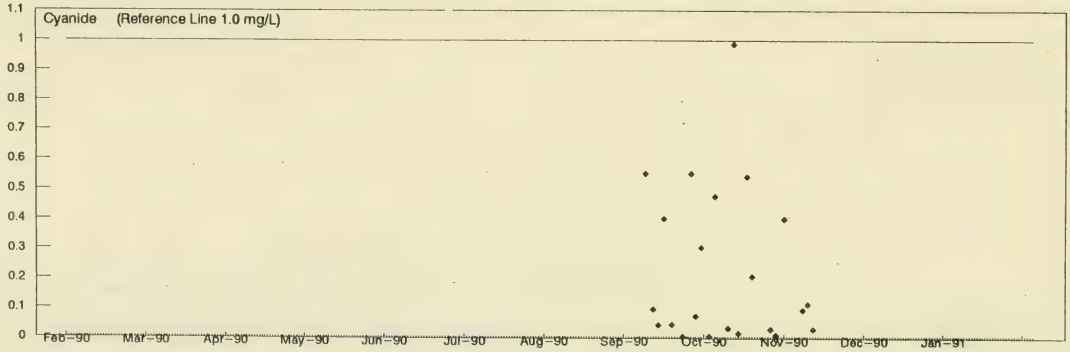
595


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

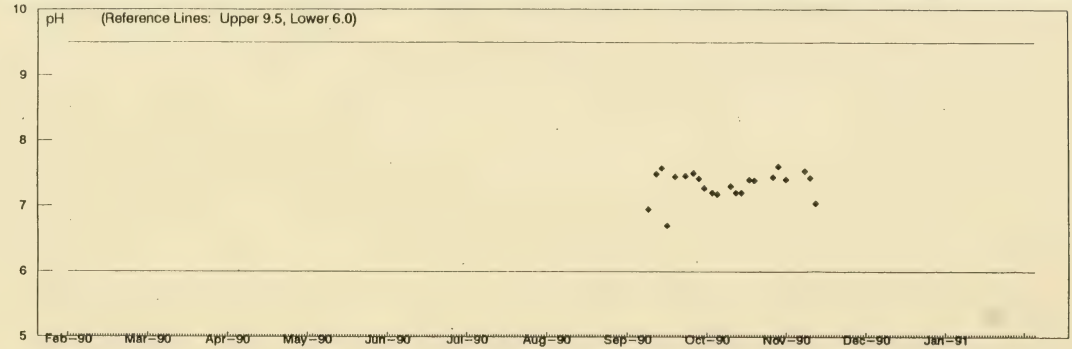

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

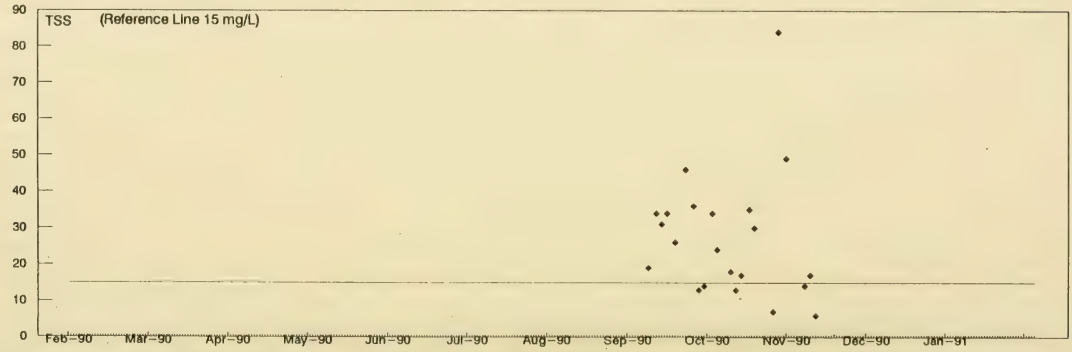
596


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

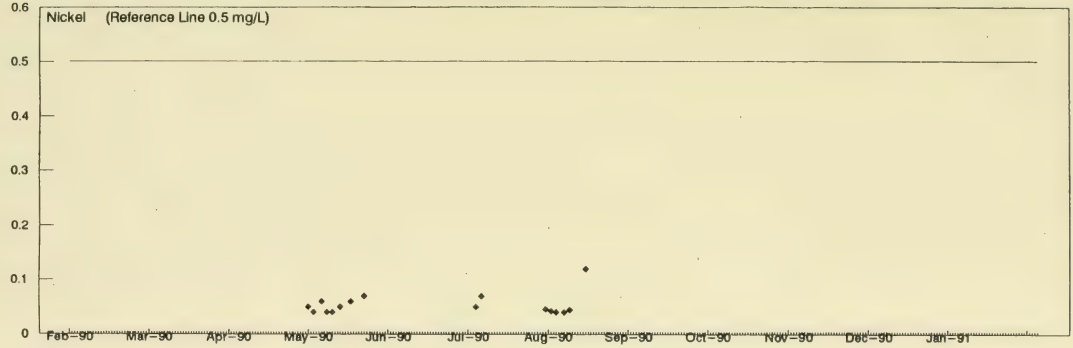

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

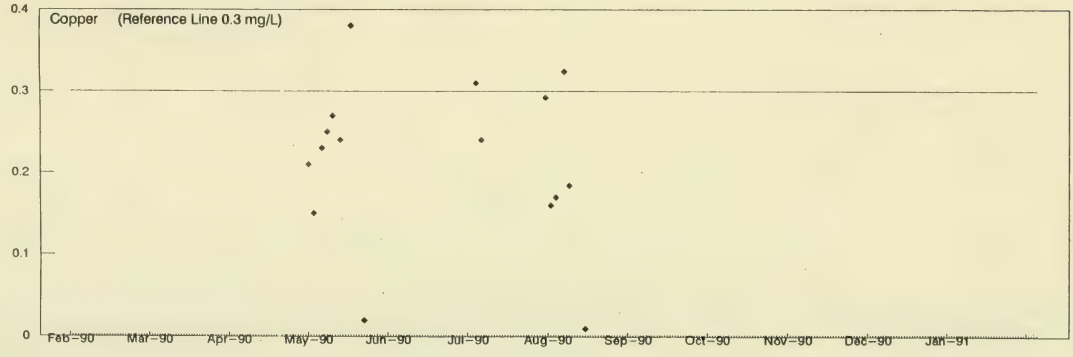
597


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

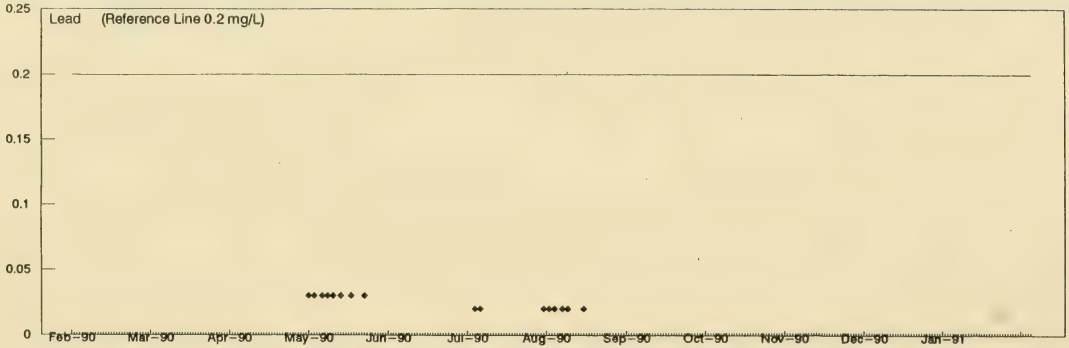

TSS (Reference Line 15 mg/L)
90
80
70
60
50
40
30
20
10
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

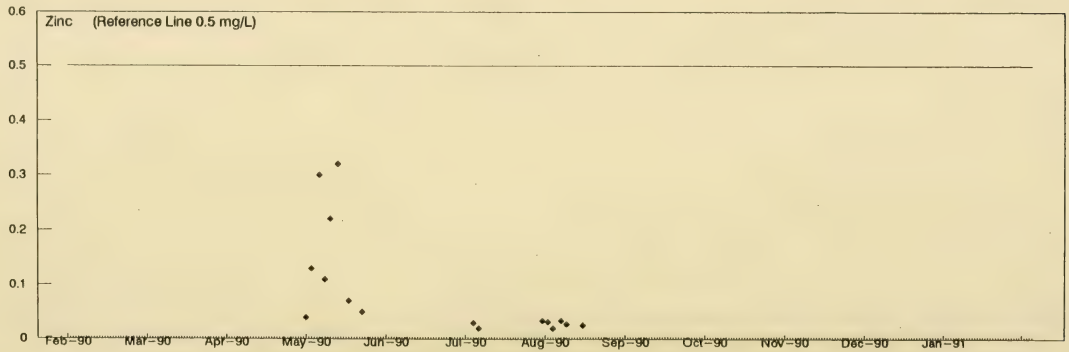
598


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

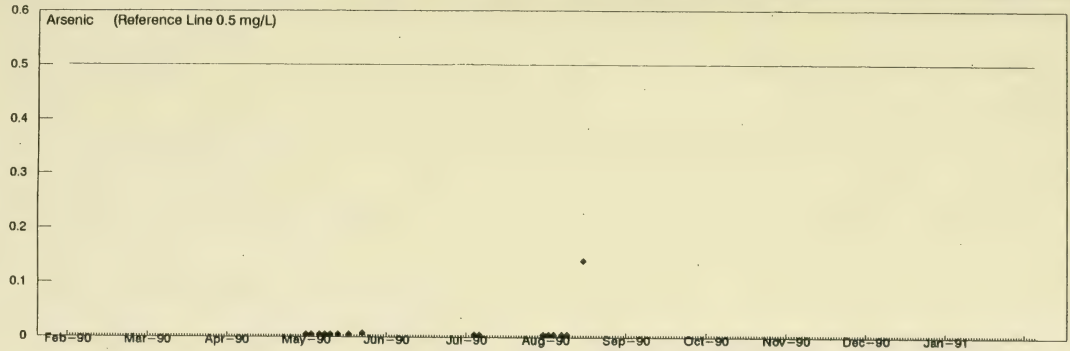

Copper (Reference Line 0.3 mg/L)
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

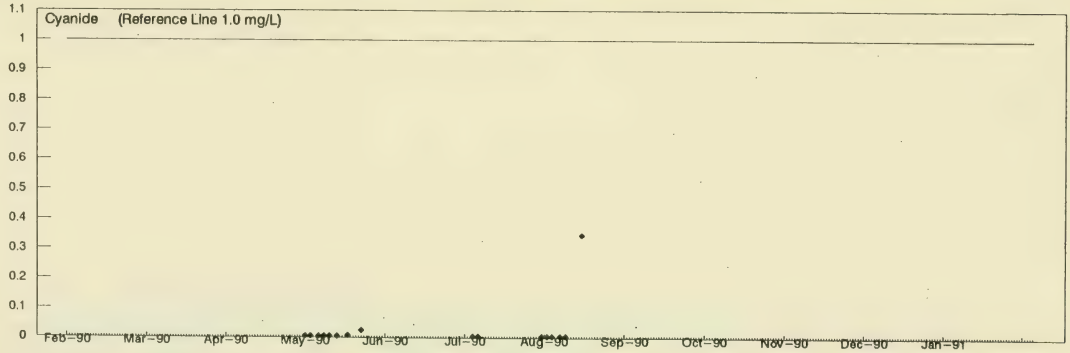
599


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

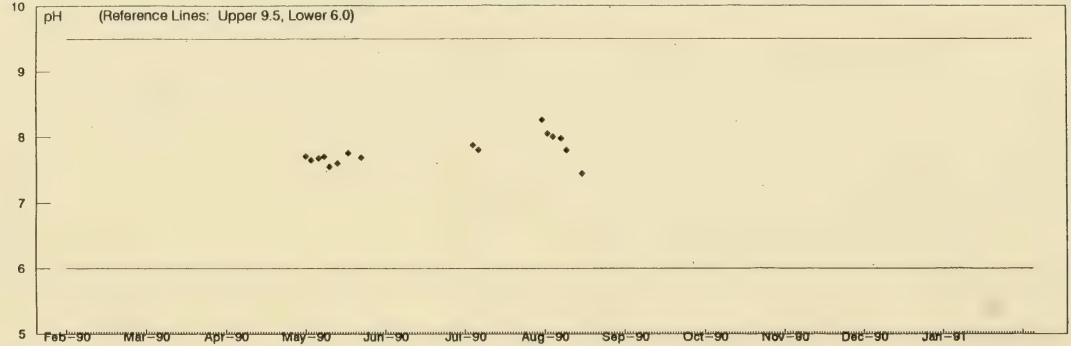

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

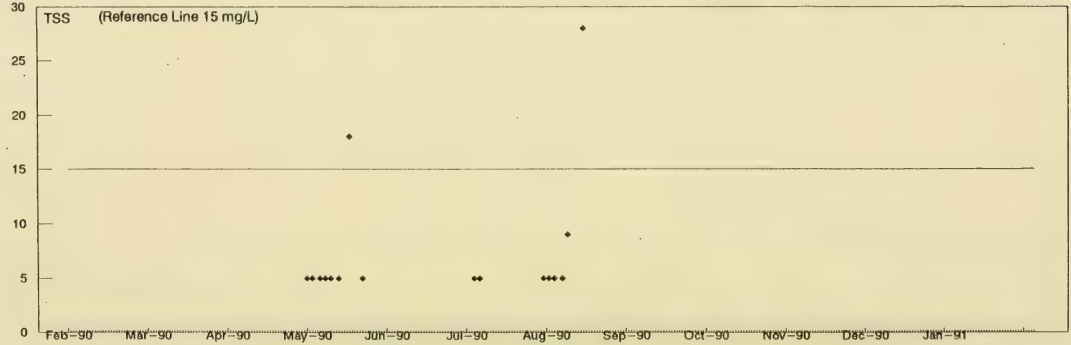
009


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

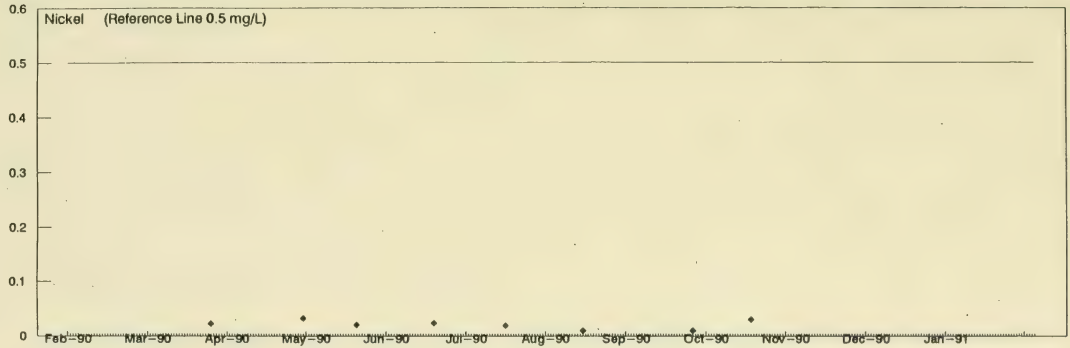

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

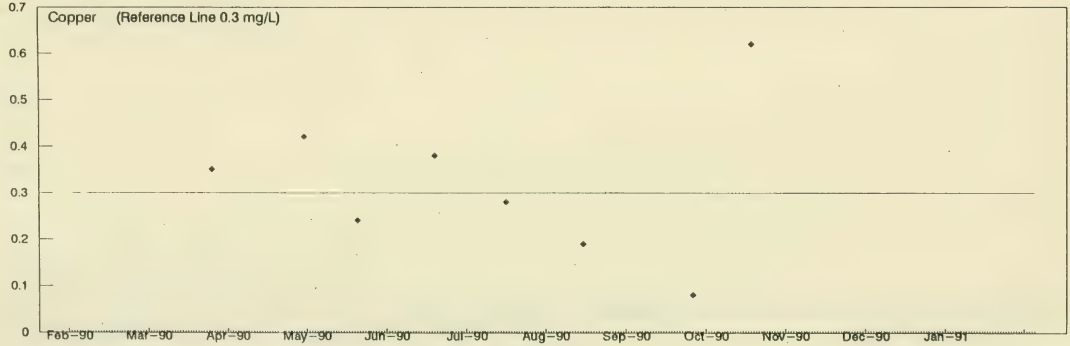
601


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

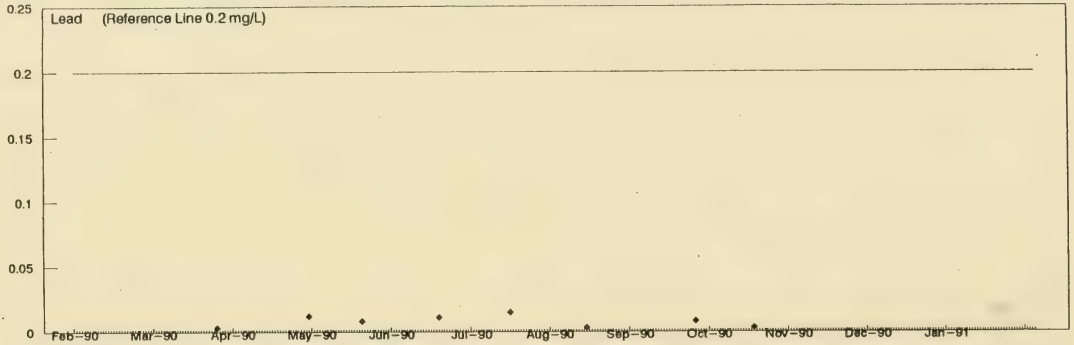

TSS
(Reference Line 15 mg/L)
30
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

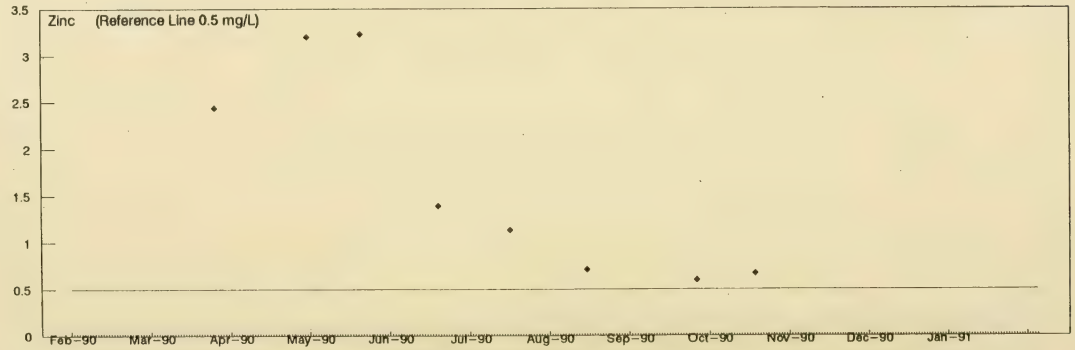
602


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

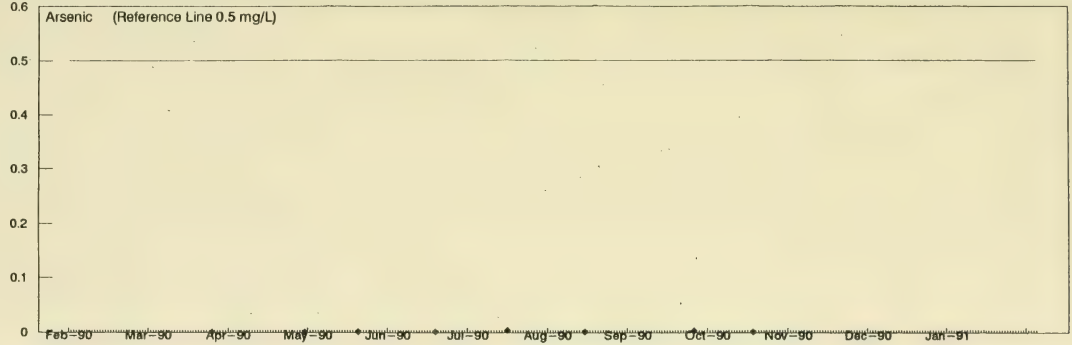

Copper (Reference Line 0.3 mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

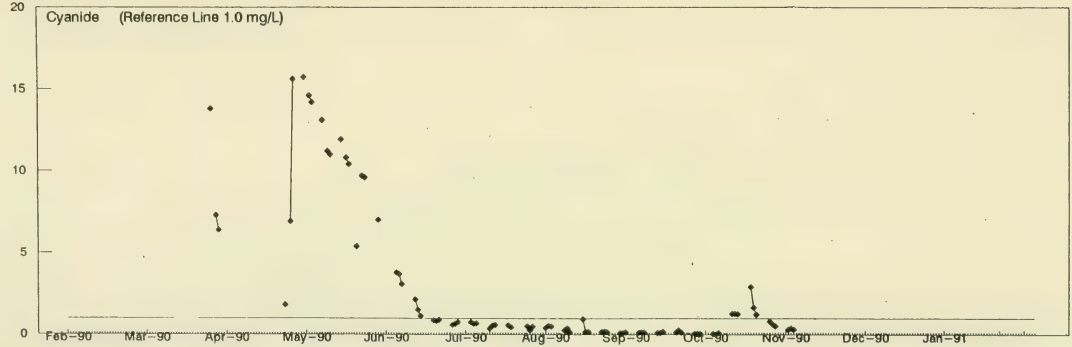
603


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

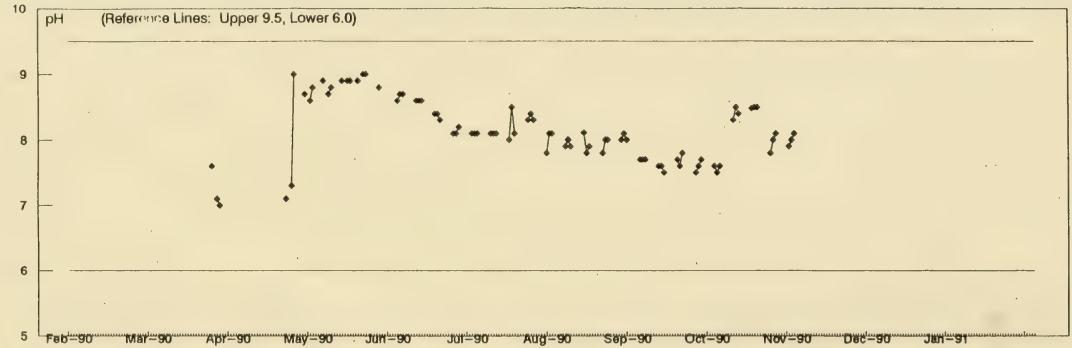

Zinc (Reference Line 0.5 mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

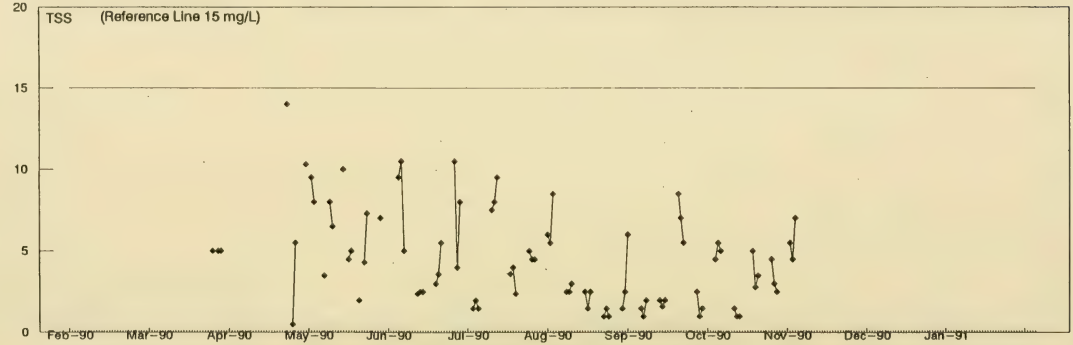
404


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

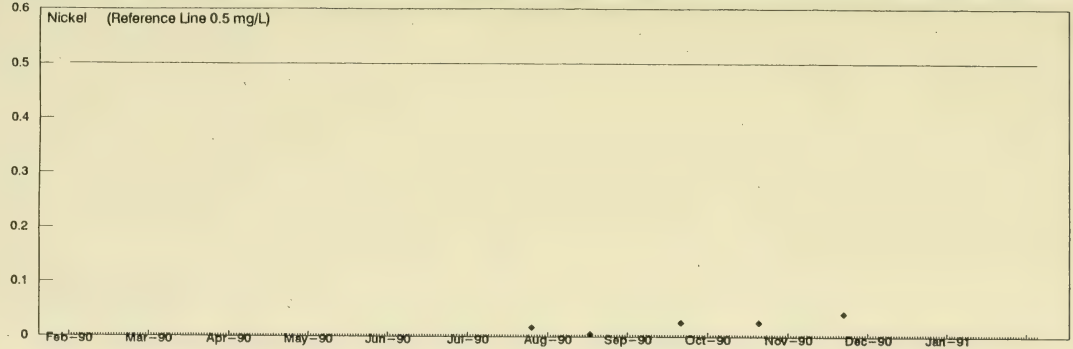

Cyanide (Reference Line 1.0 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

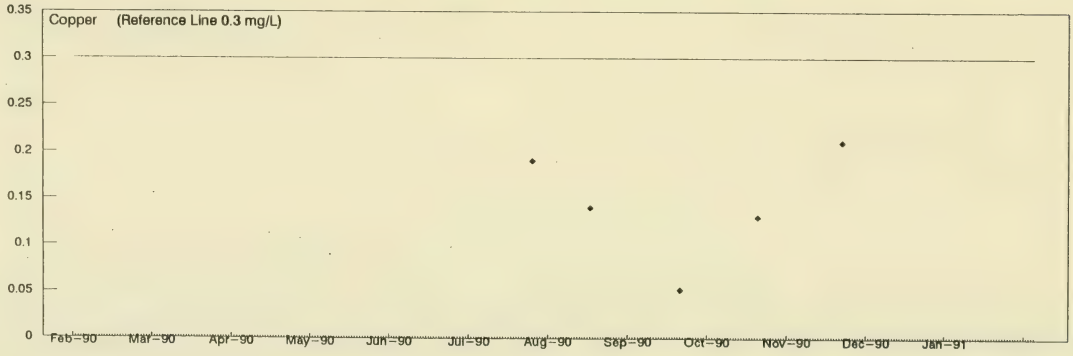
605


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

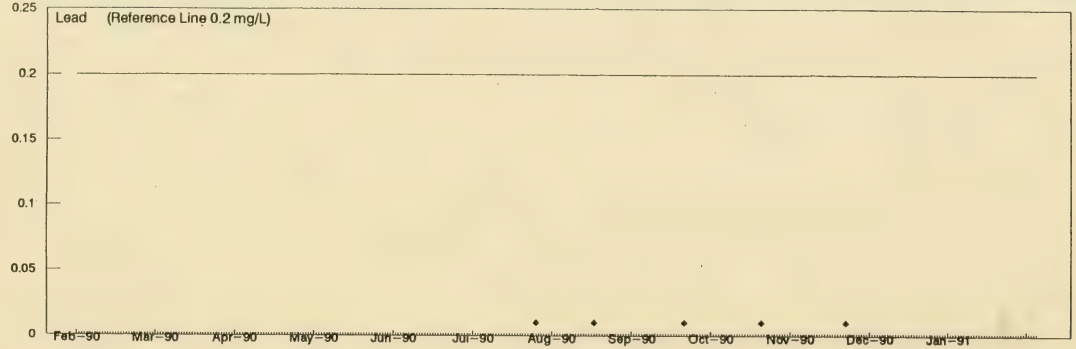

TSS
(Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

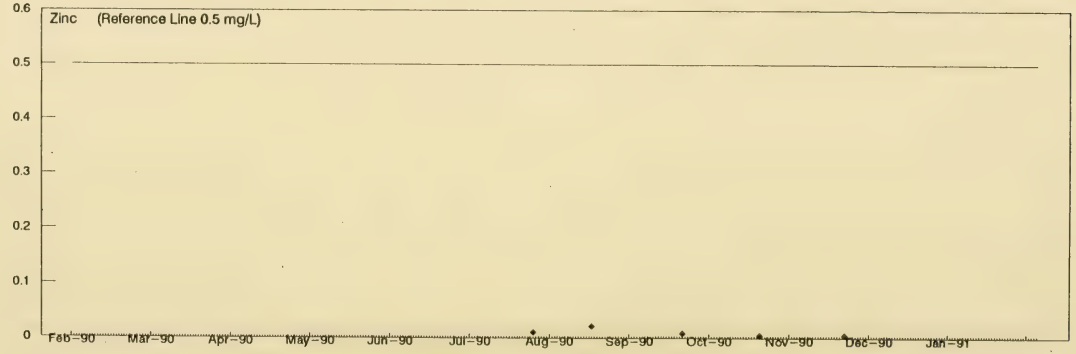
909


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

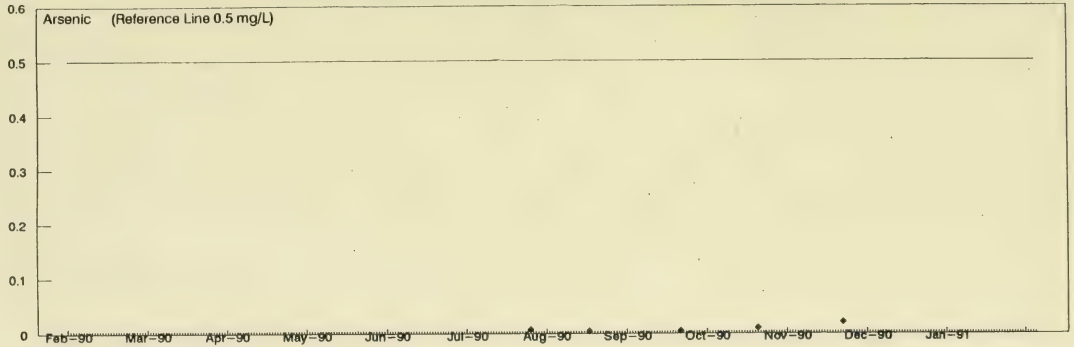

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

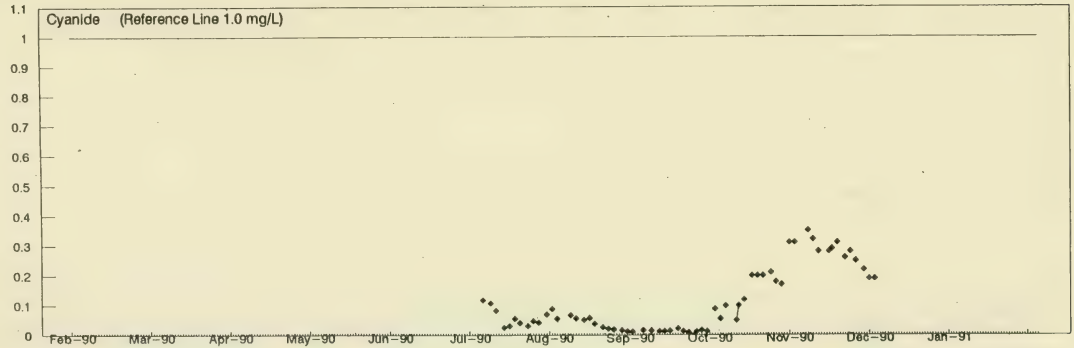
607


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

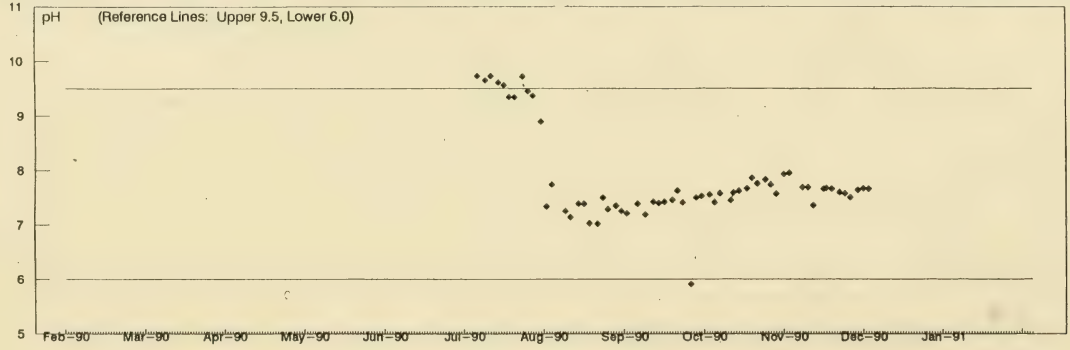

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

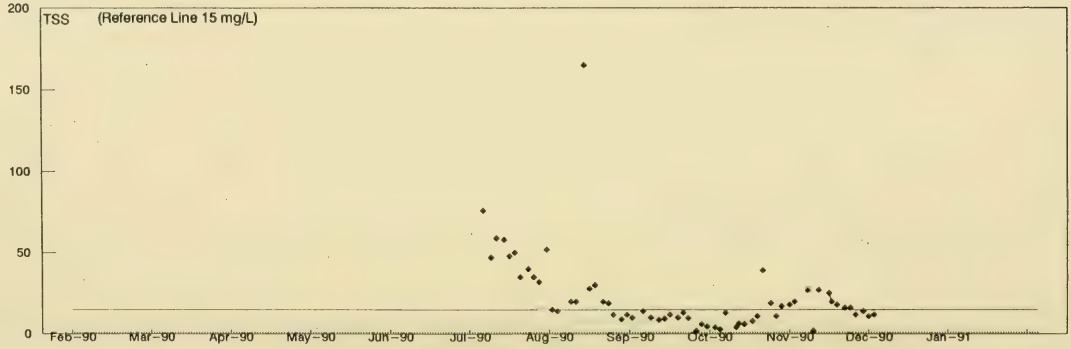
809


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

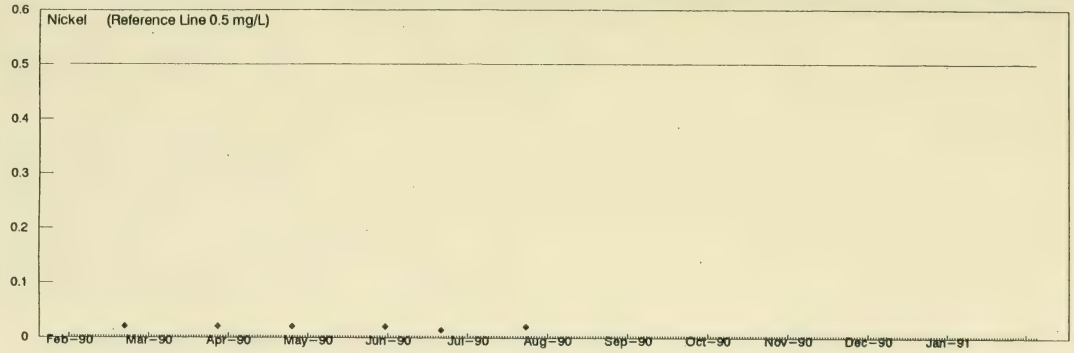

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

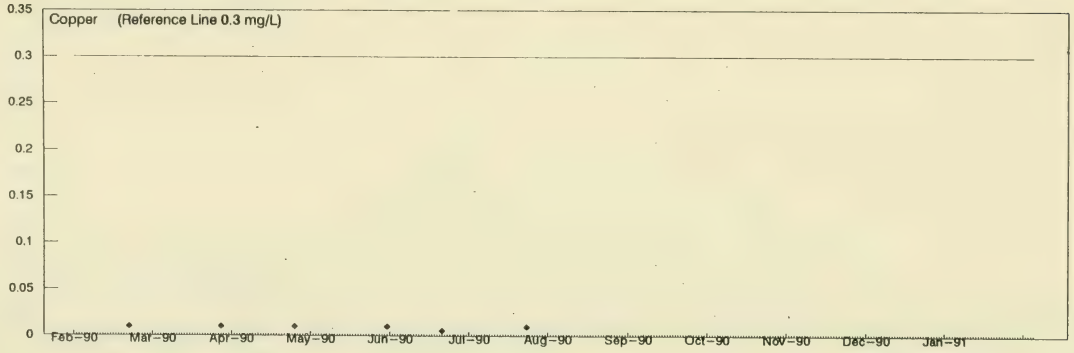
609

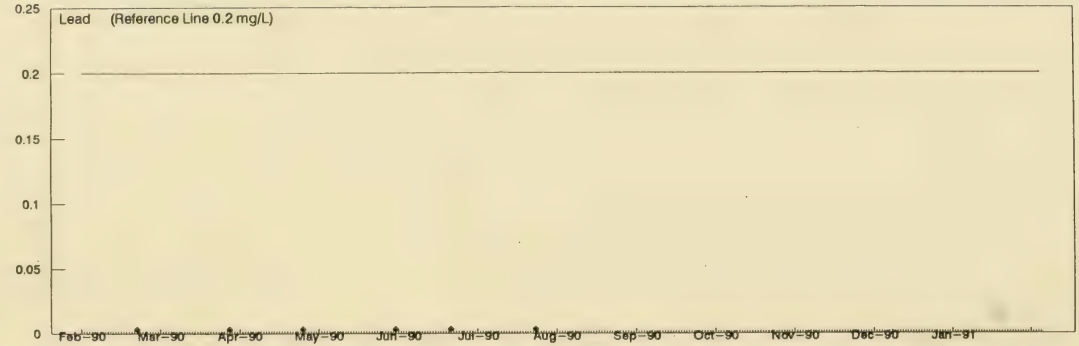

pH
(Reference Lines: Upper 9.5, Lower 6.0)
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

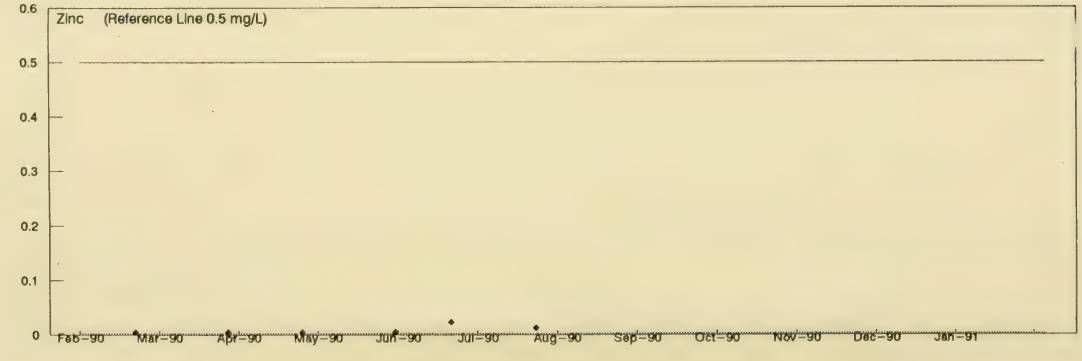

TSS
(Reference Line 15 mg/L)
200
150
100
50
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

610

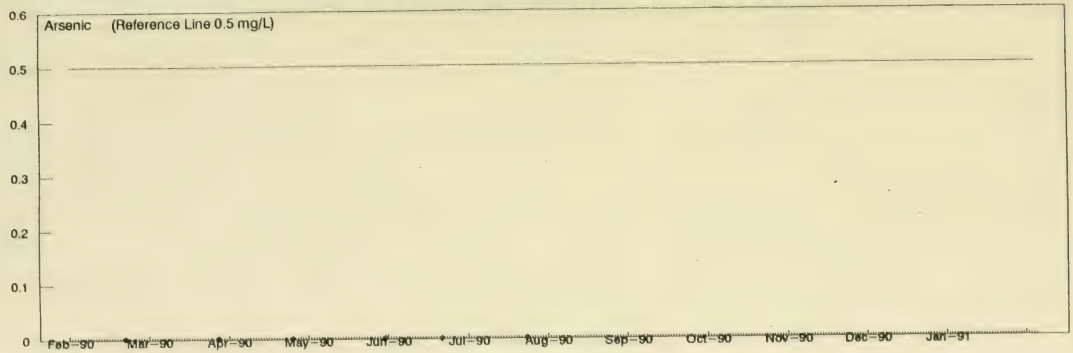

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

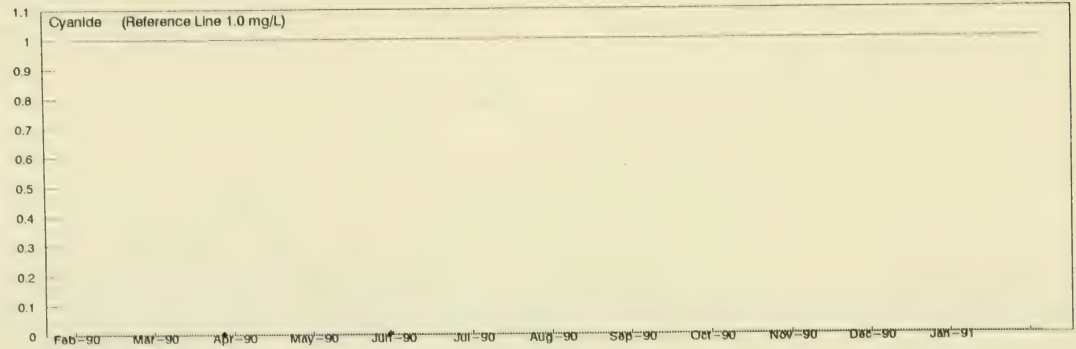

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

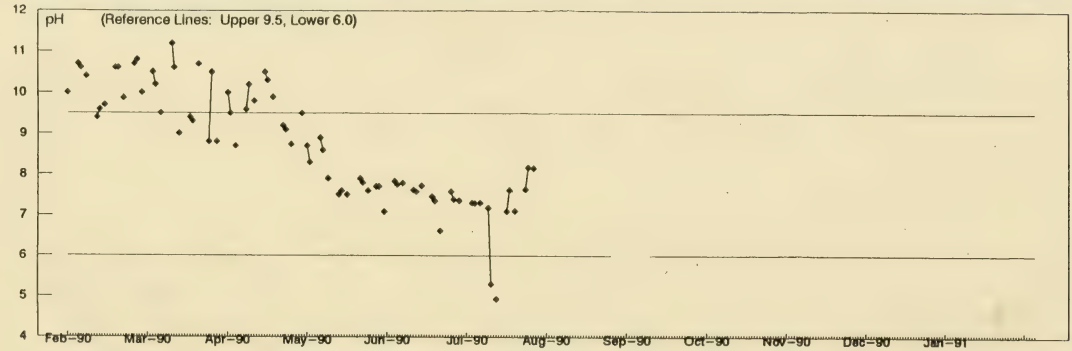

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

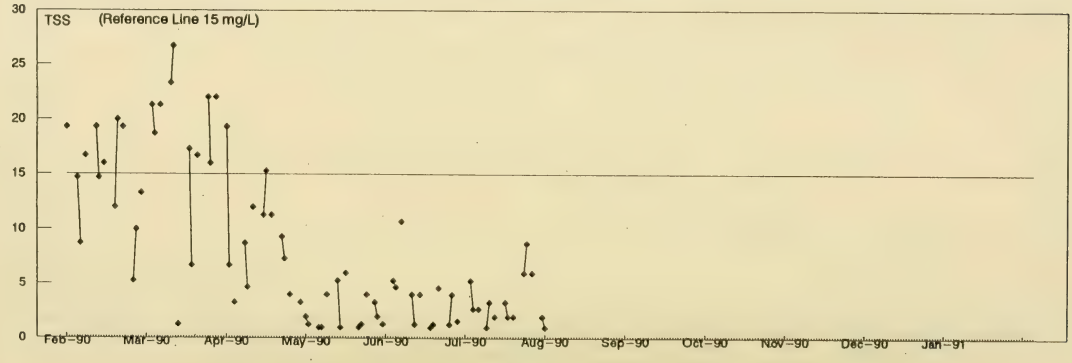
612


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

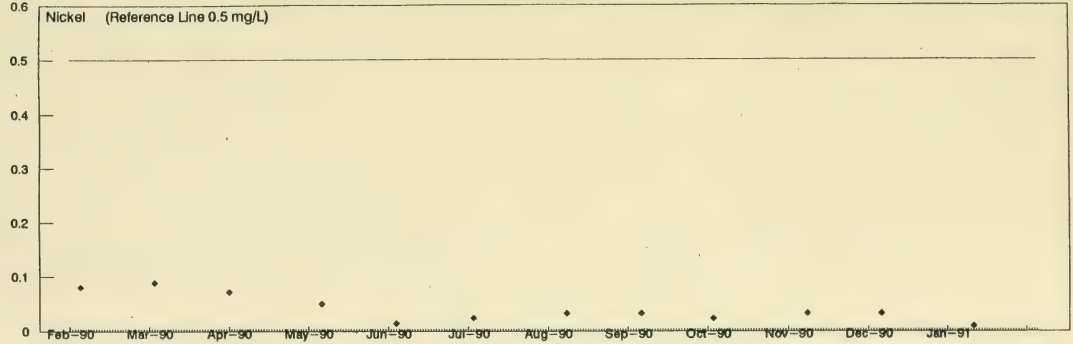

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

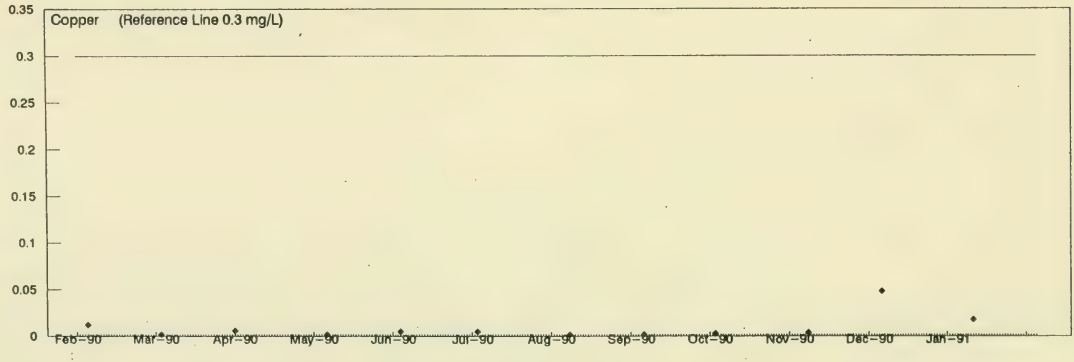
613


pH (Reference Lines: Upper 9.5, Lower 6.0)
12
11
10
9
8
7
6
5
4
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

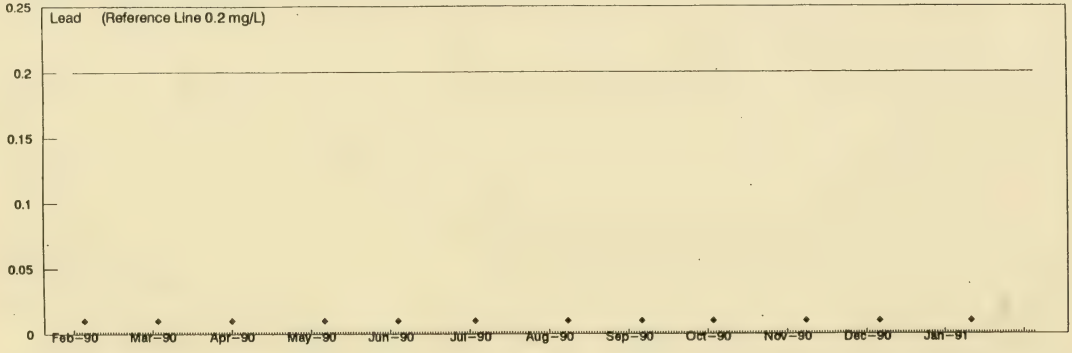

TSS (Reference Line 15 mg/L)
30
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

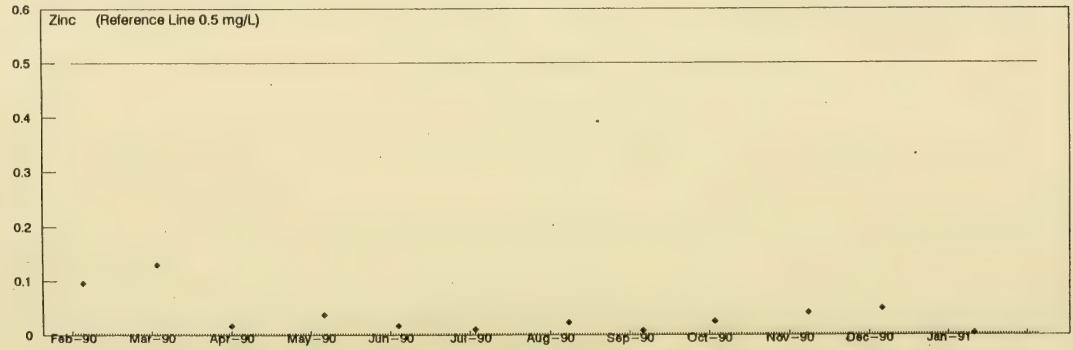
614.

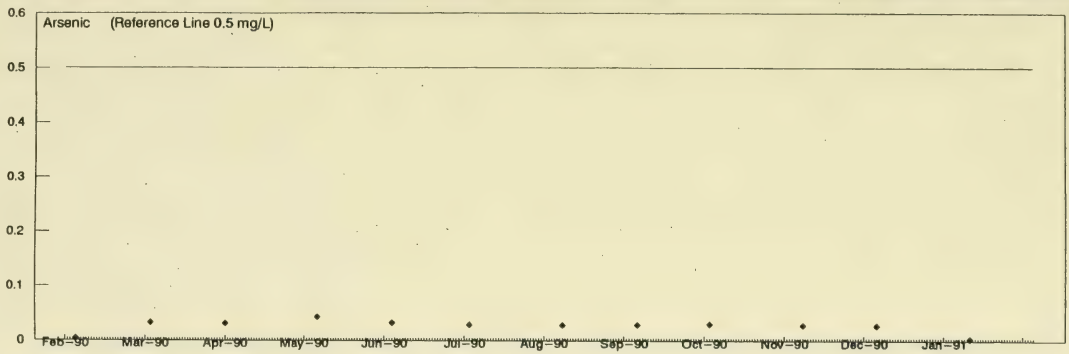

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

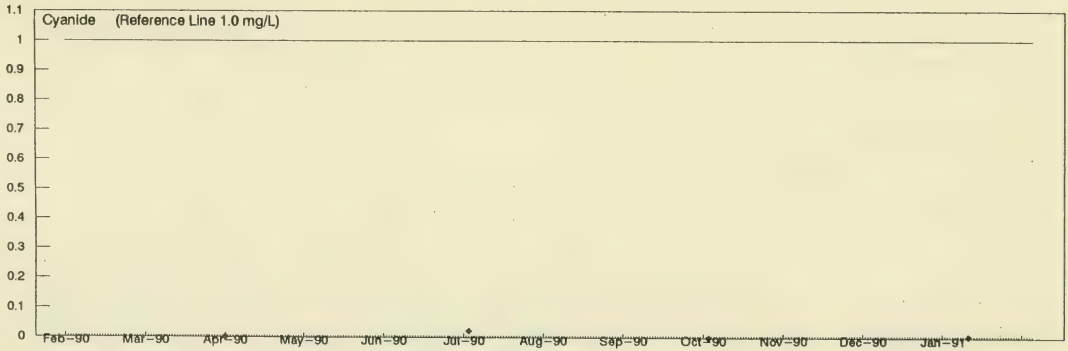

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

615


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

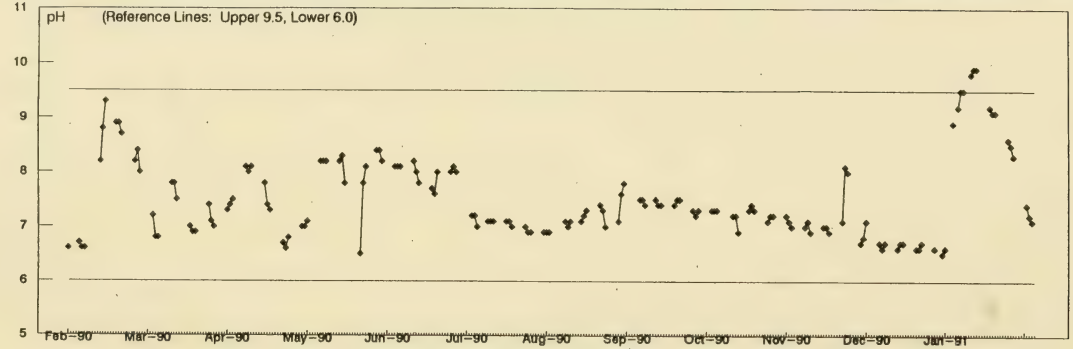

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

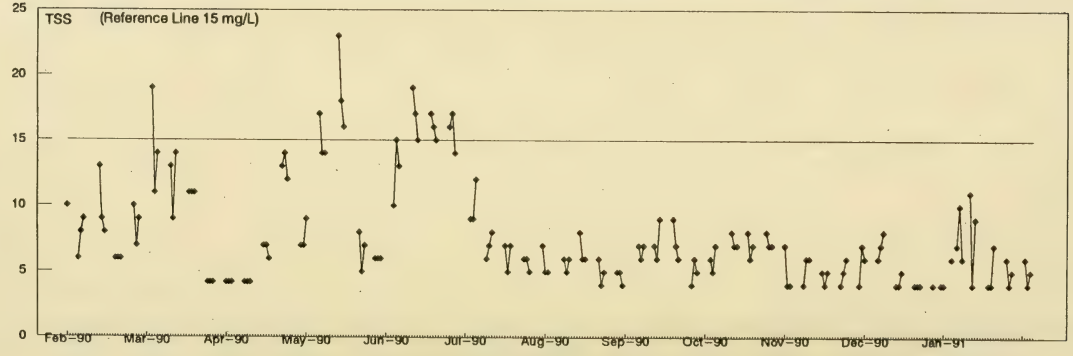

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

617

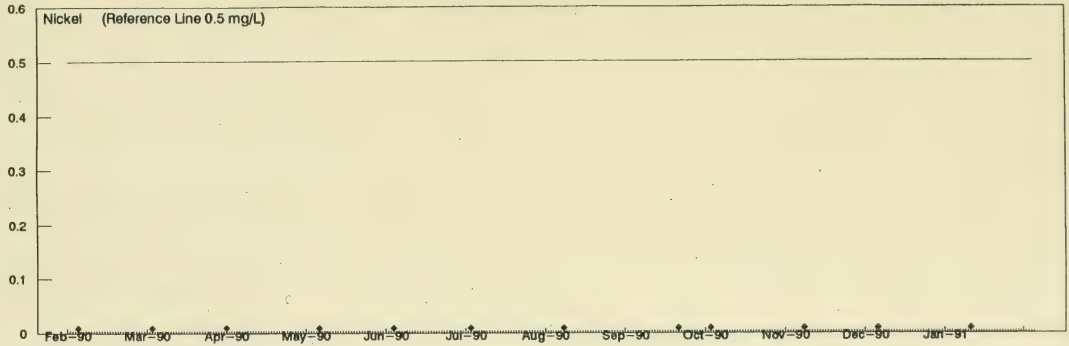
51 – Denison Mines, Denison Property PR 0100 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

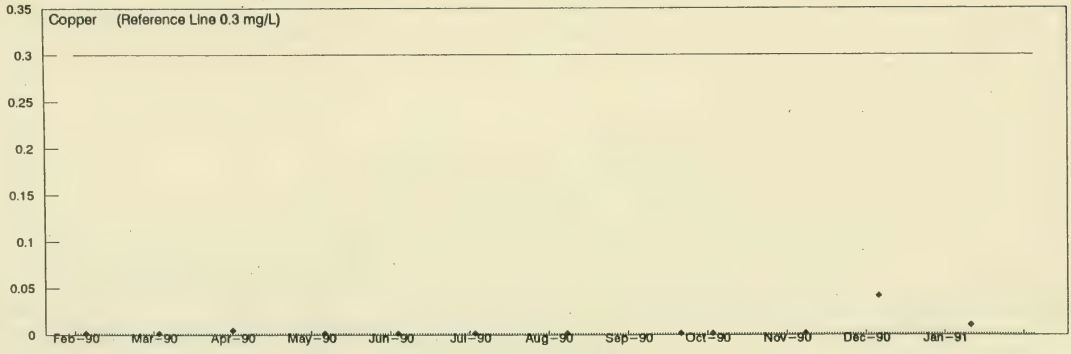
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA





618

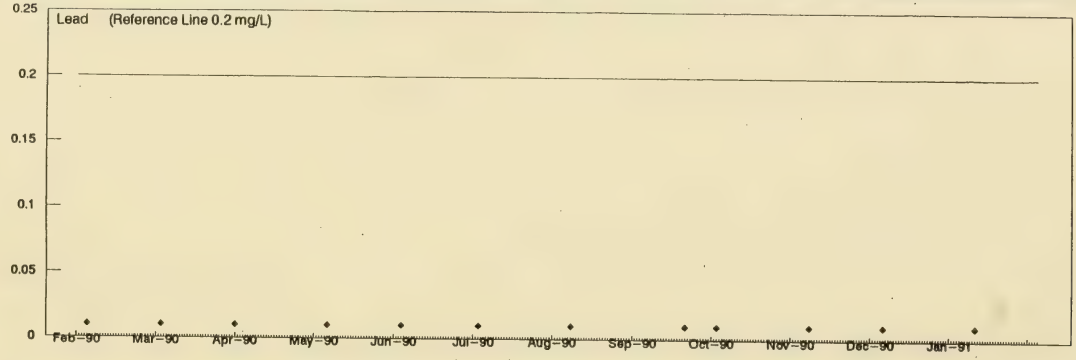

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

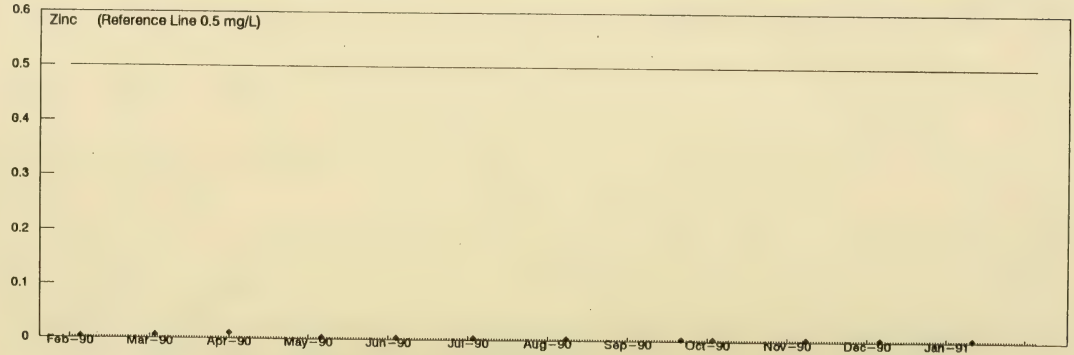

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

619

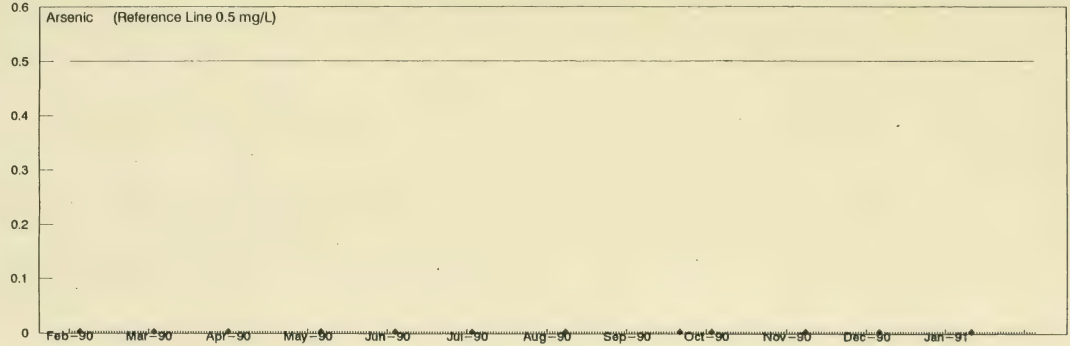
51 – Denison Mines, Denison Property SW 0200 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

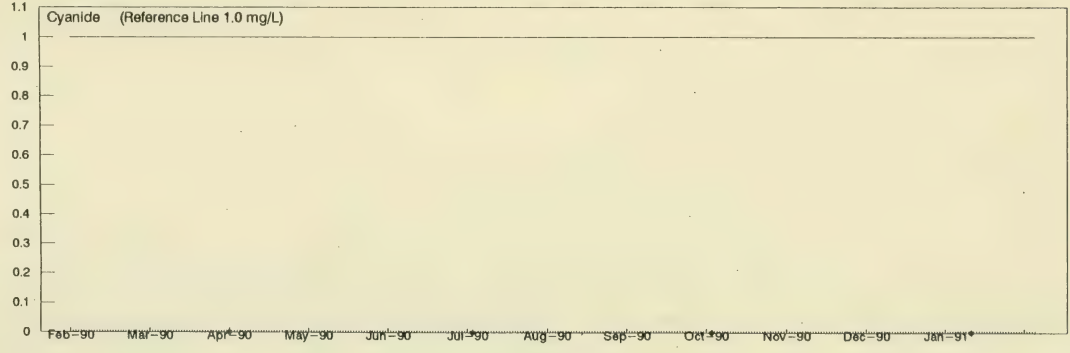
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA





620

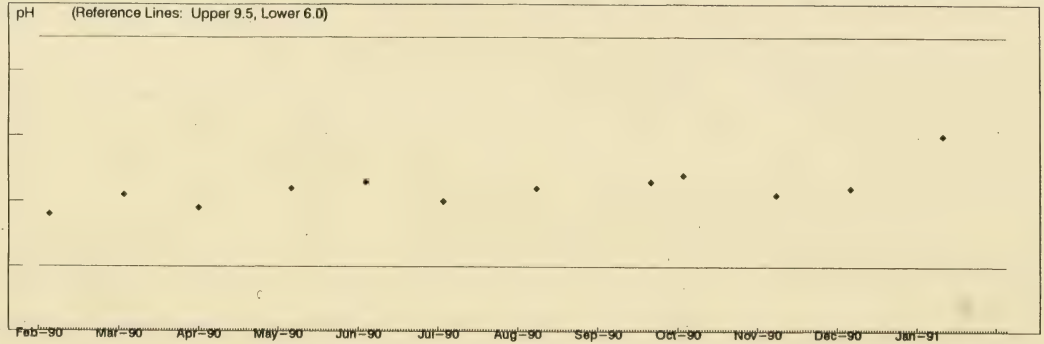

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

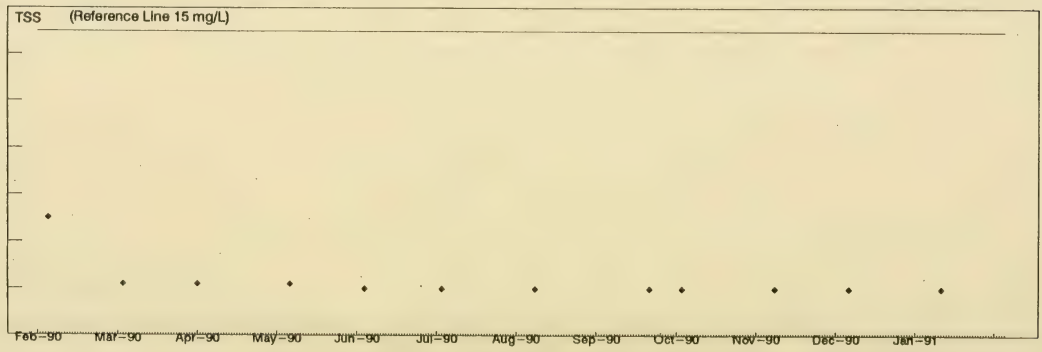

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

621

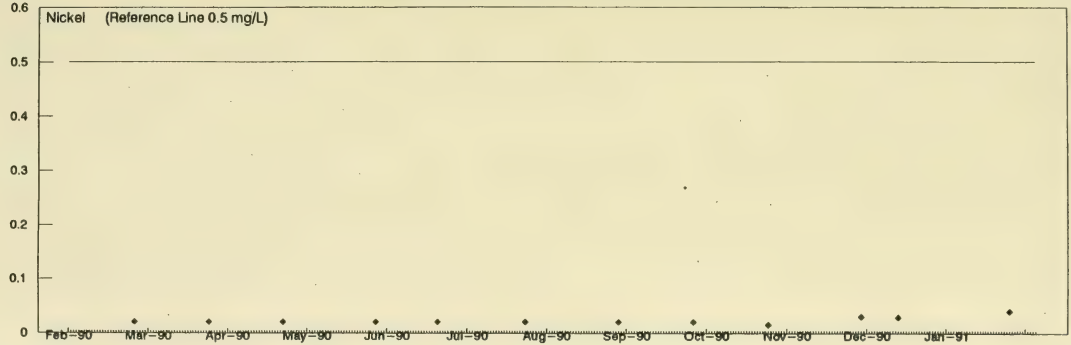
51 – Denison Mines, Denison Property SW 0200 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

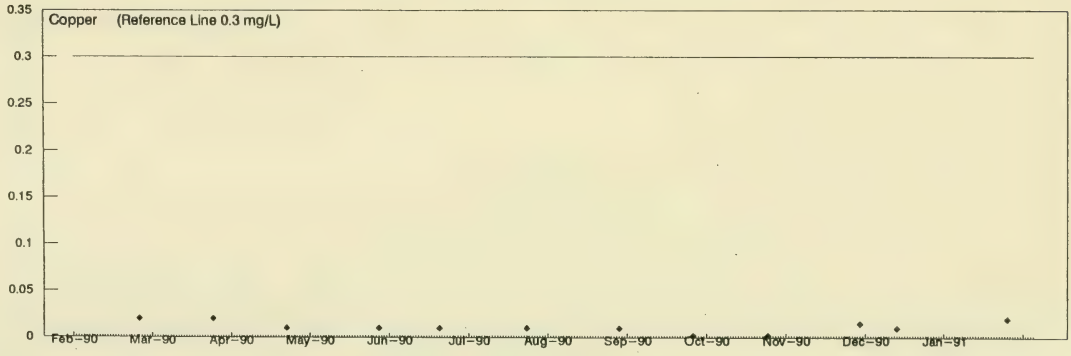
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA



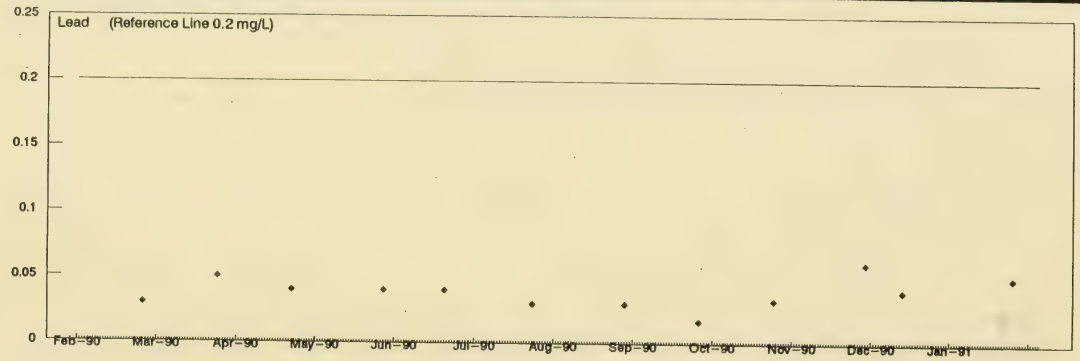


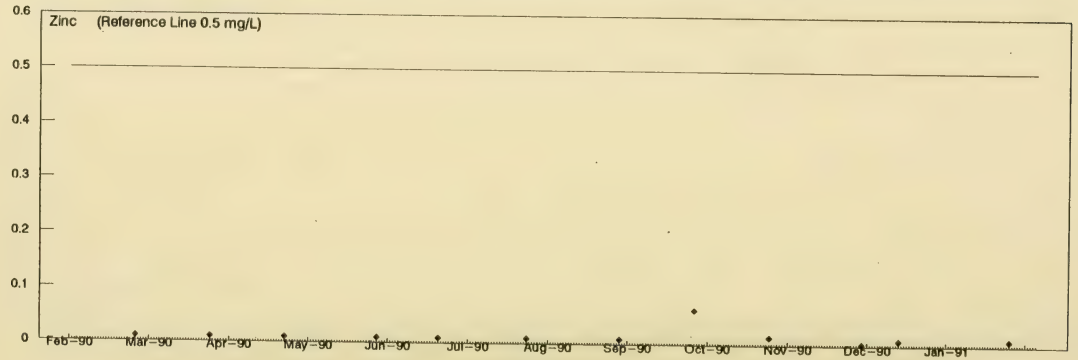
622


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

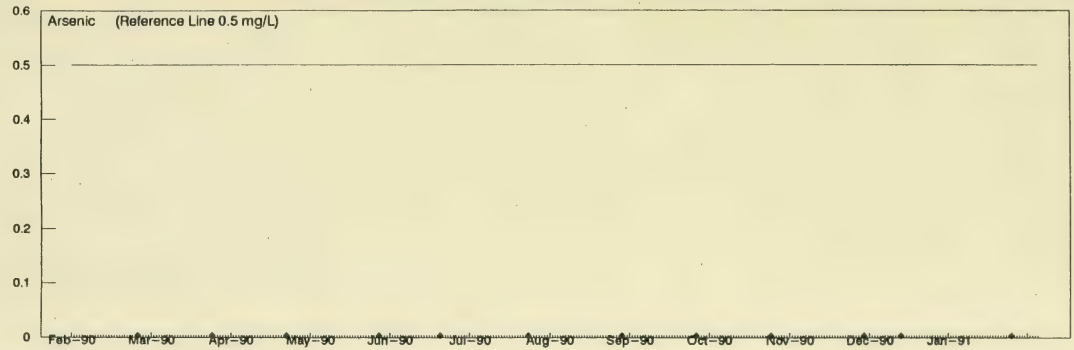

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

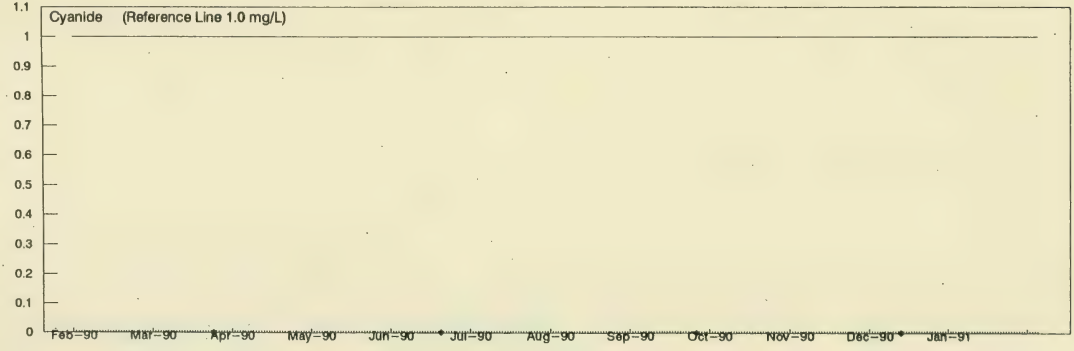
623


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

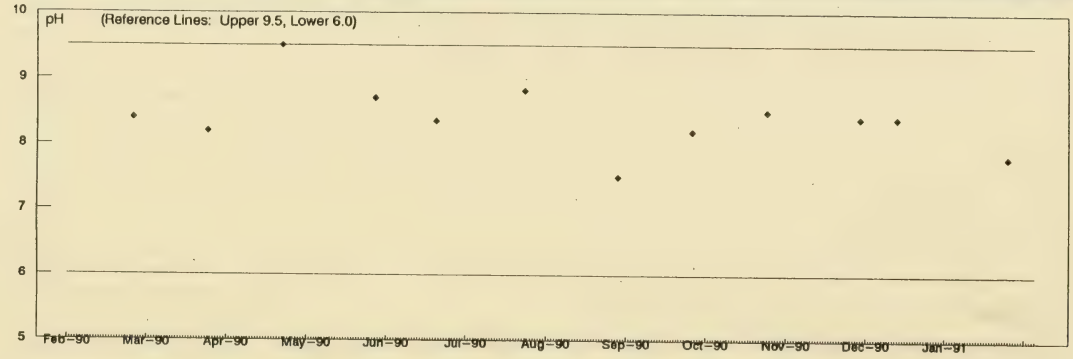

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

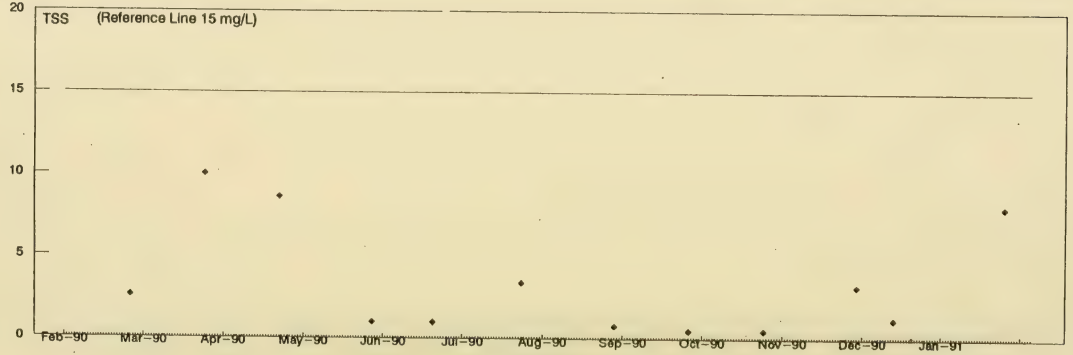
624


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

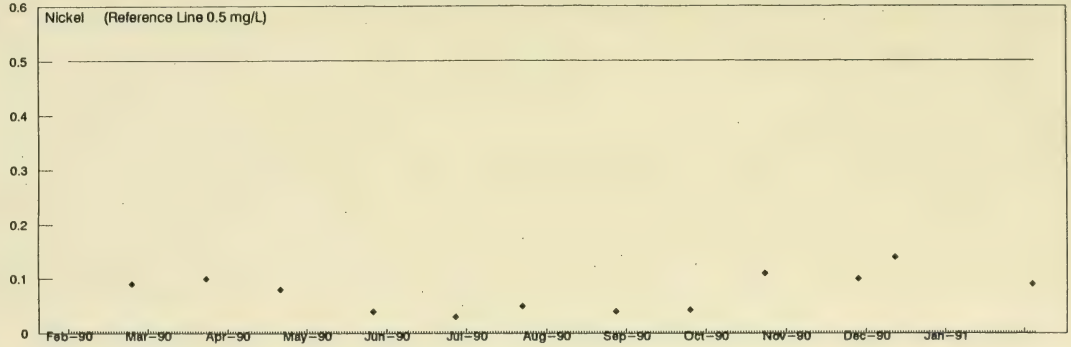

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

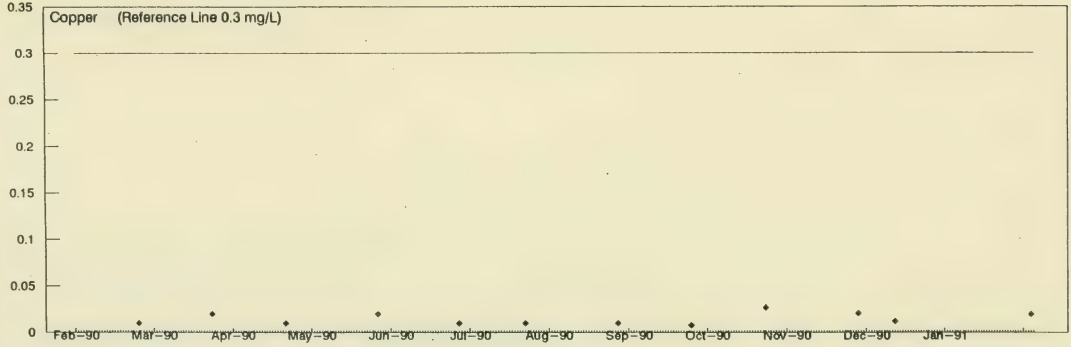
625


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

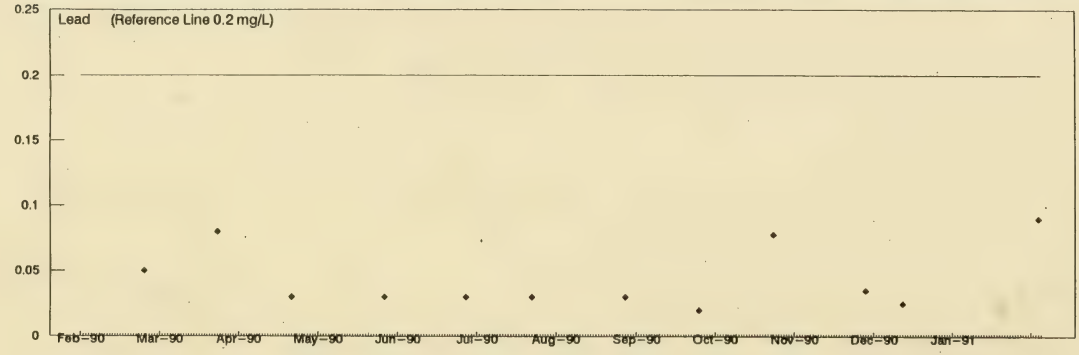

TSS (Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

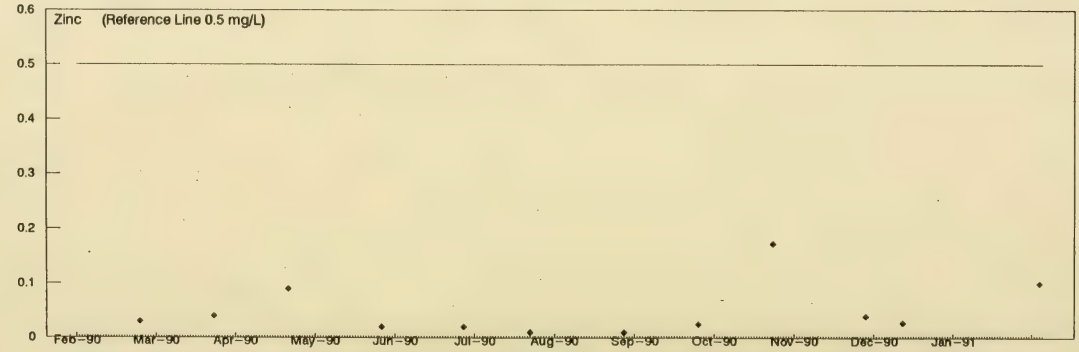
626
929


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

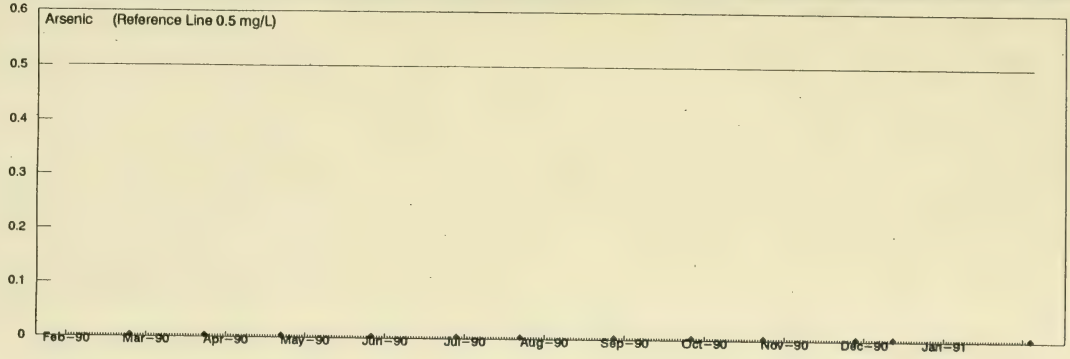

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

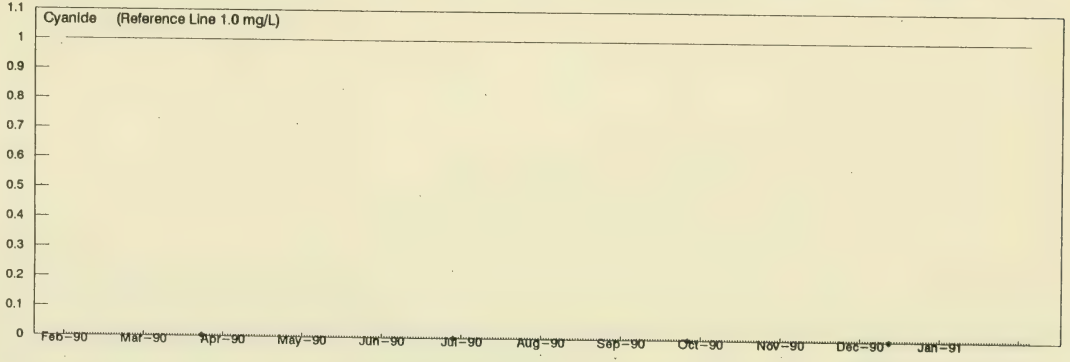
627


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

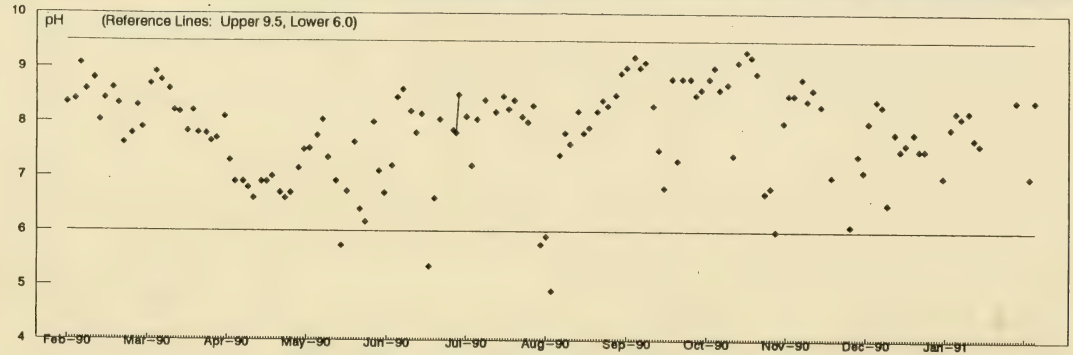

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

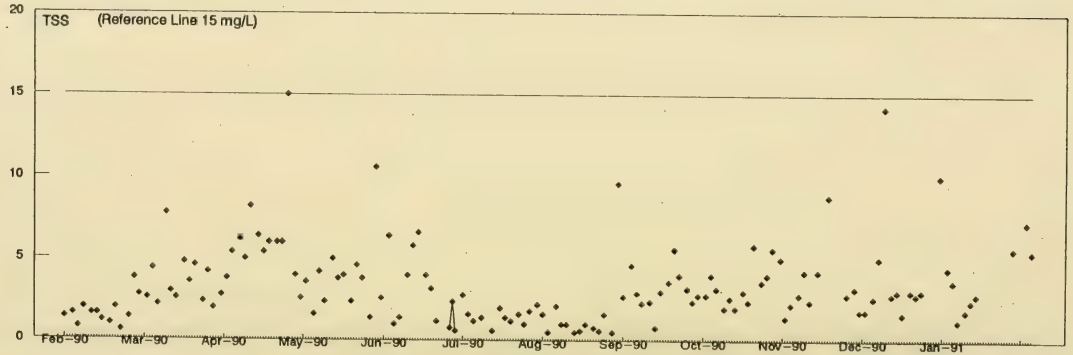
628


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

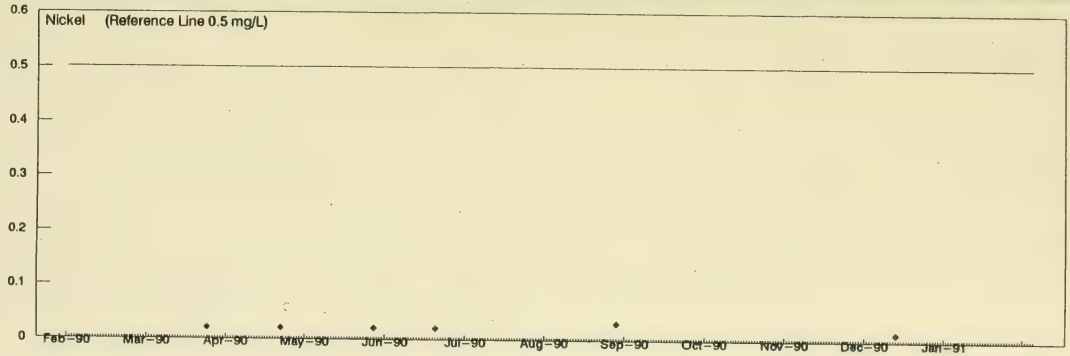

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

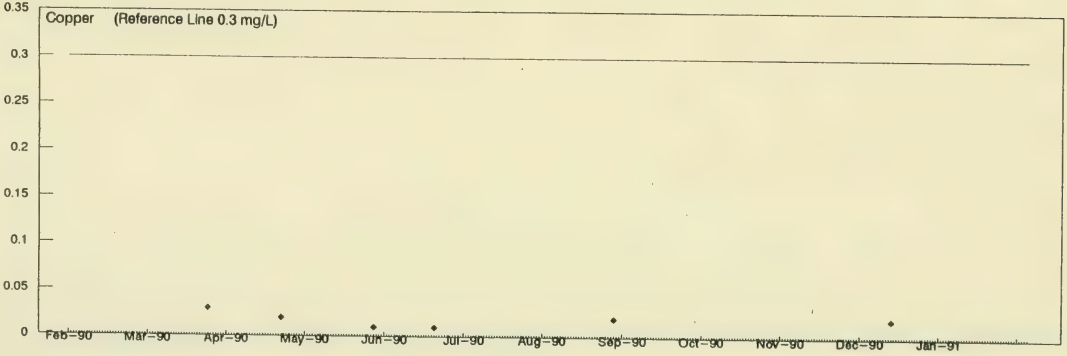
629


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
4
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

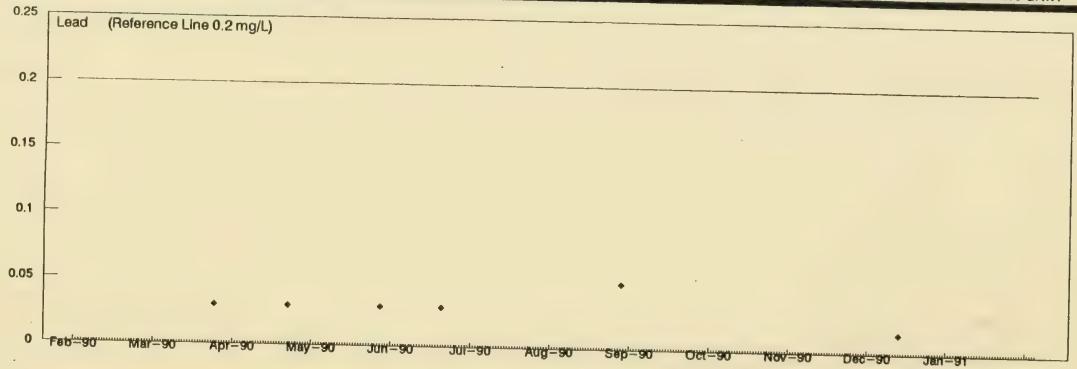

TSS
(Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

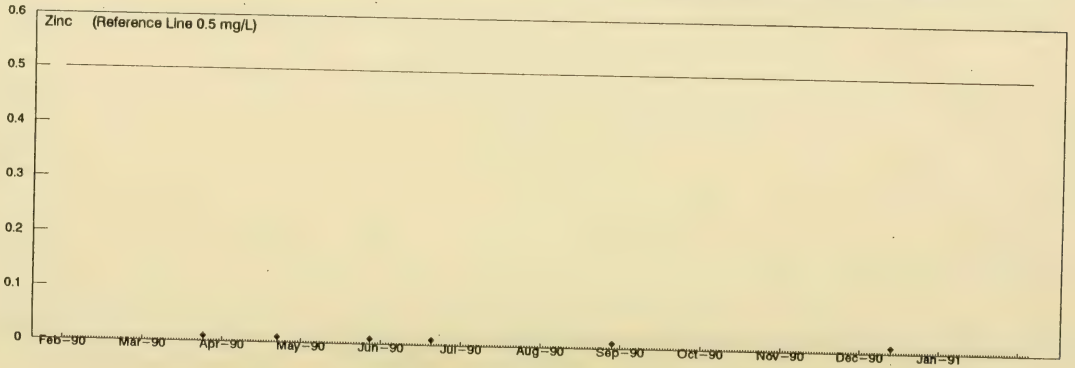
630


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

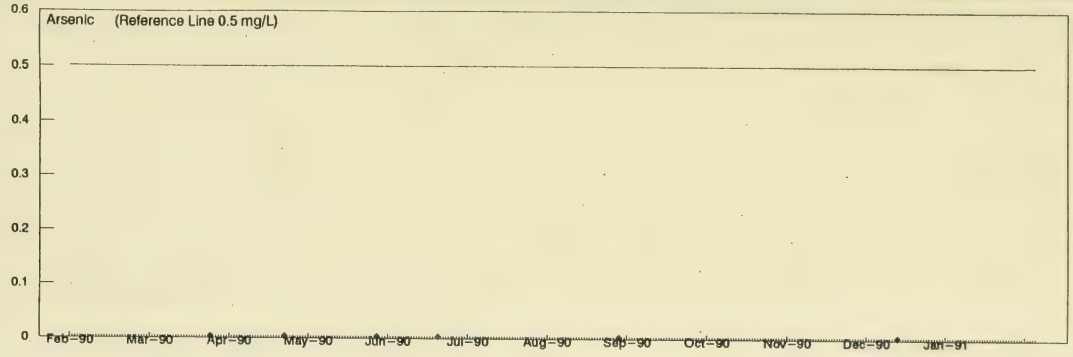

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

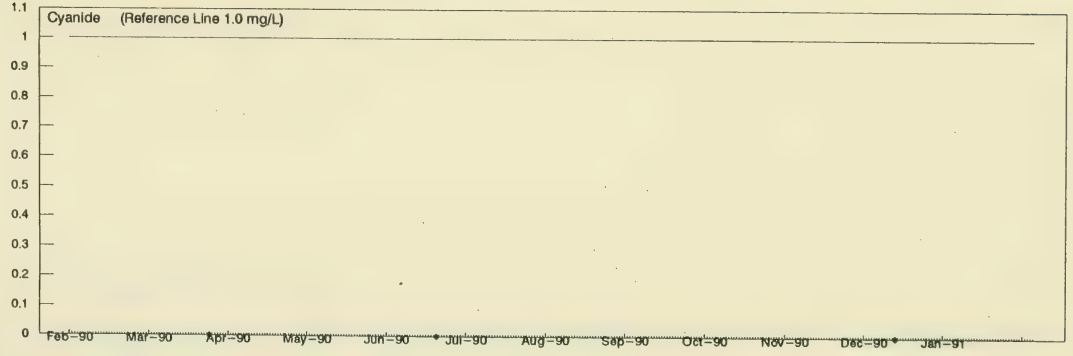
631

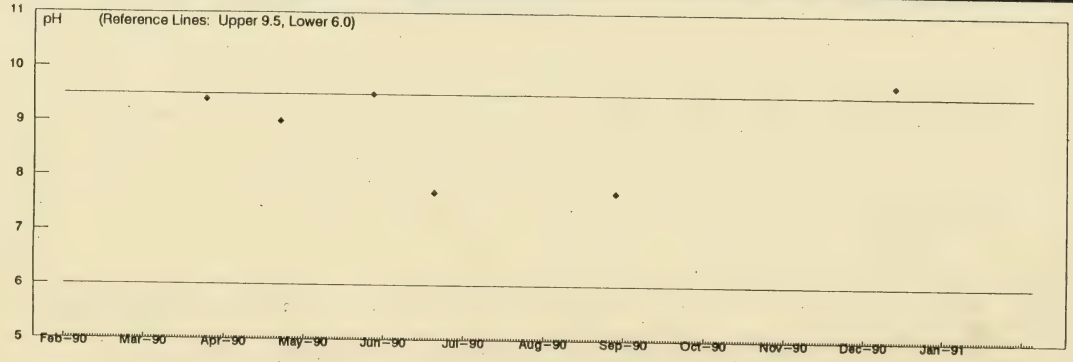

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

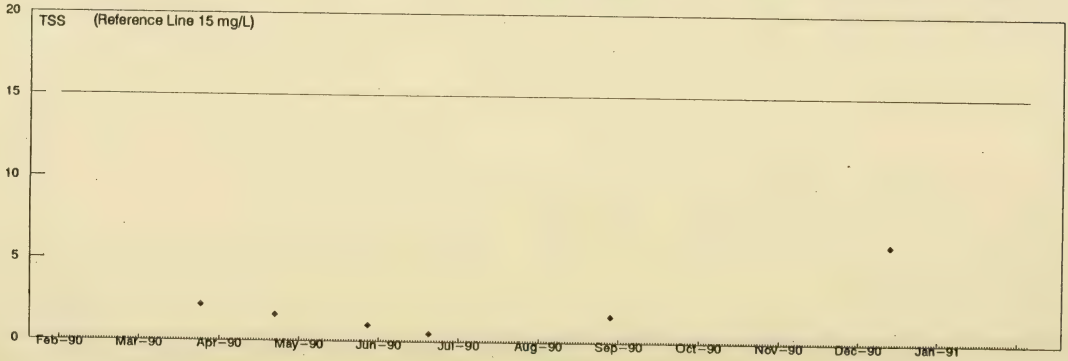

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

632

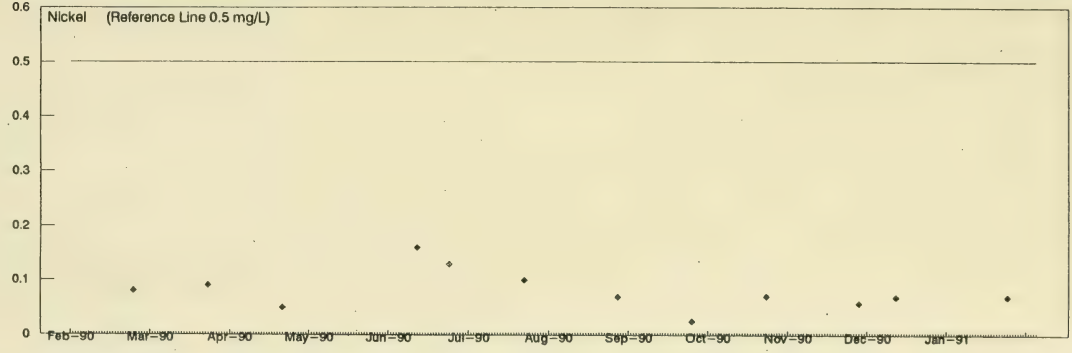

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

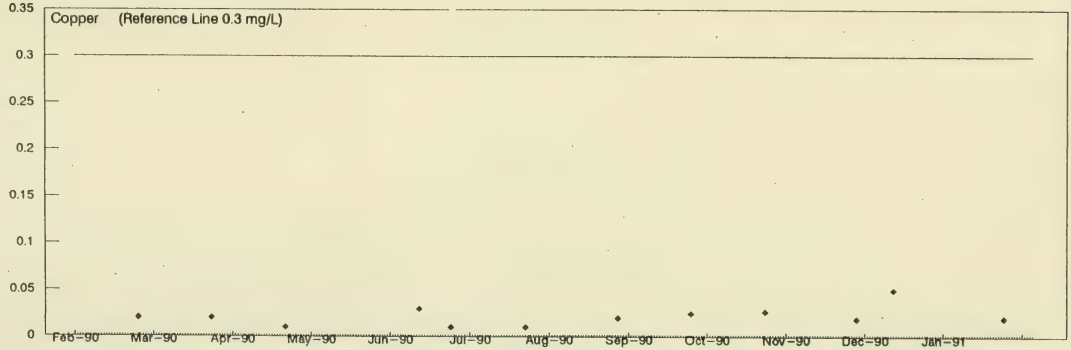

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

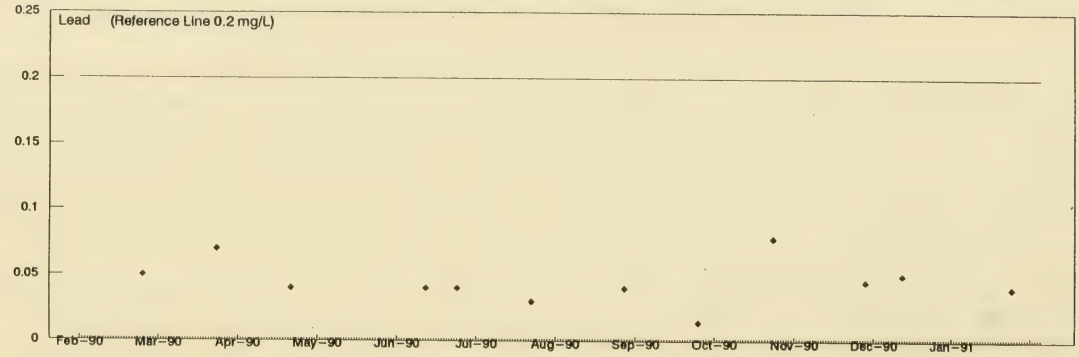

pH
(Reference Lines: Upper 9.5, Lower 6.0)
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

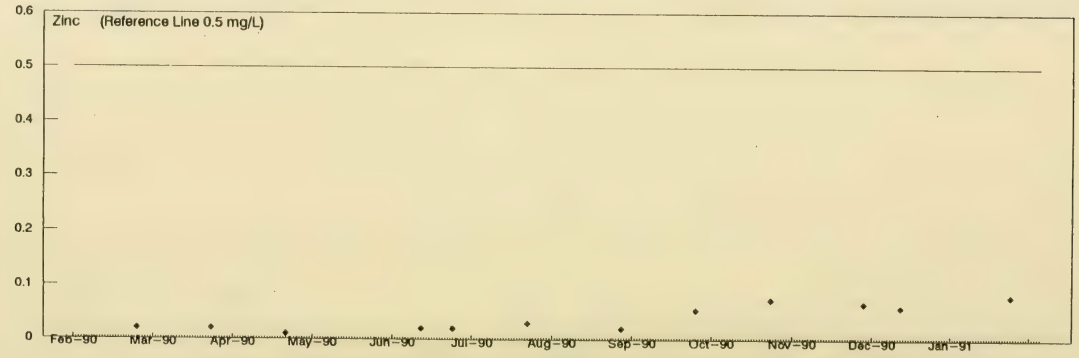

TSS
(Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

634


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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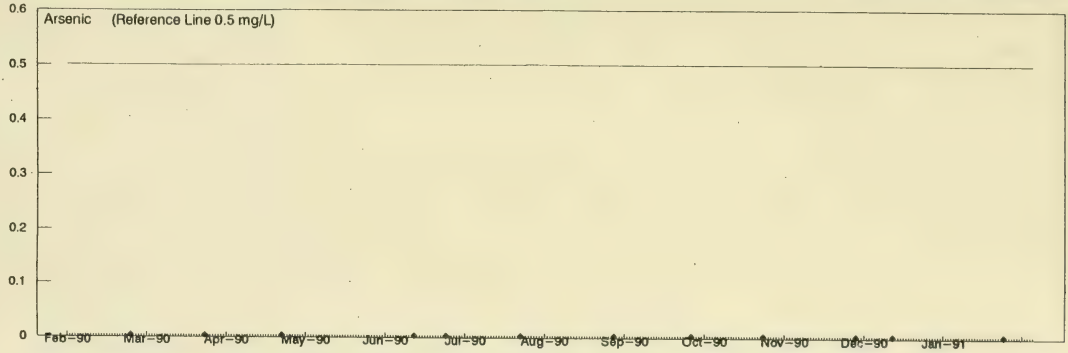
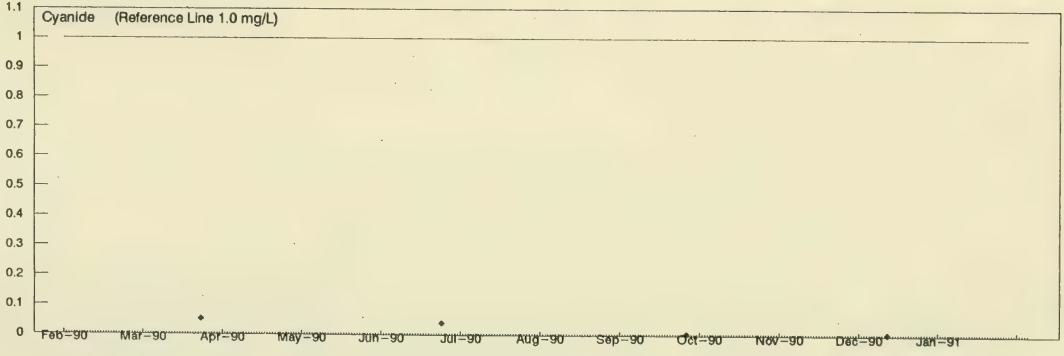
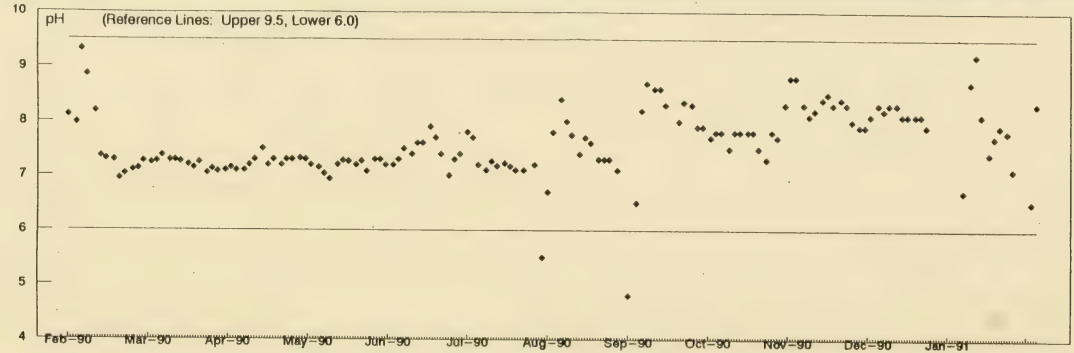
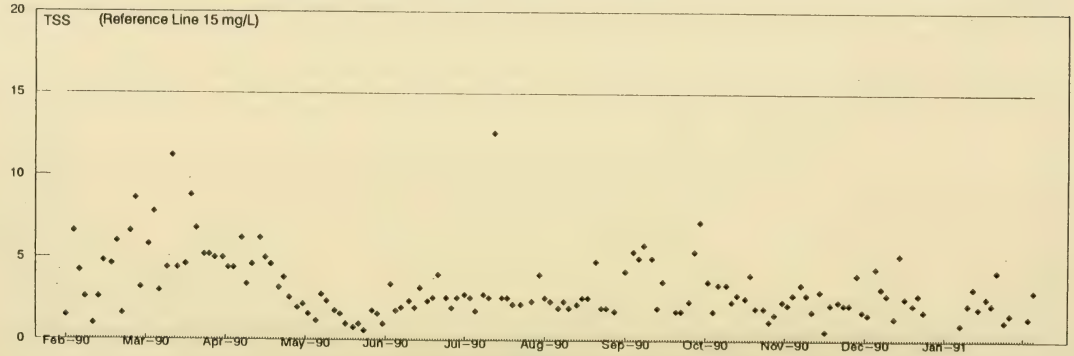
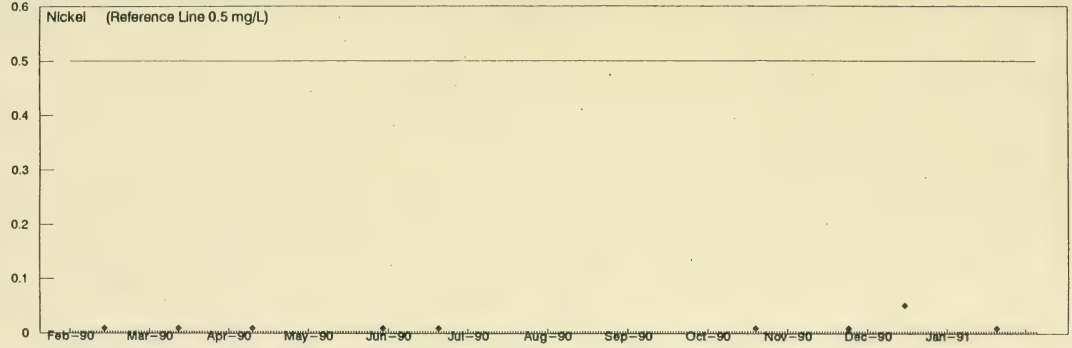

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

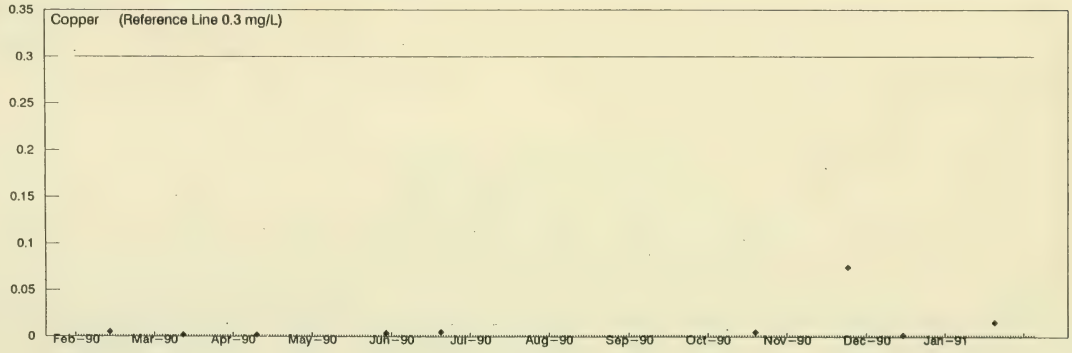

Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
4
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS
(Reference Line 15 mg/L)
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

638


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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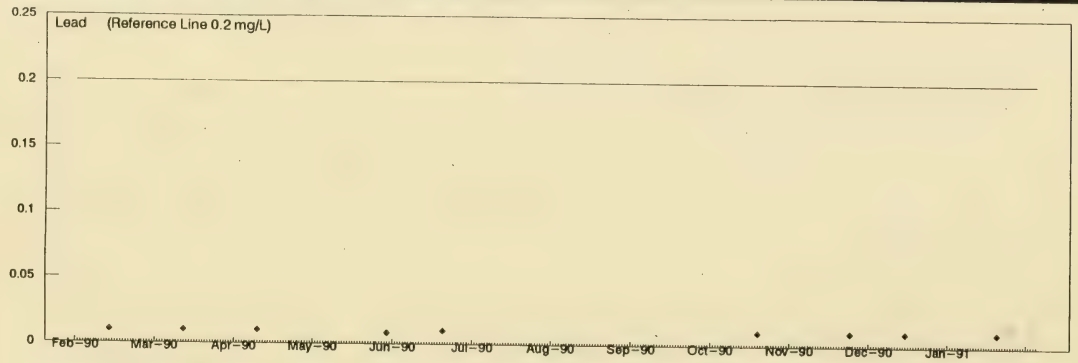
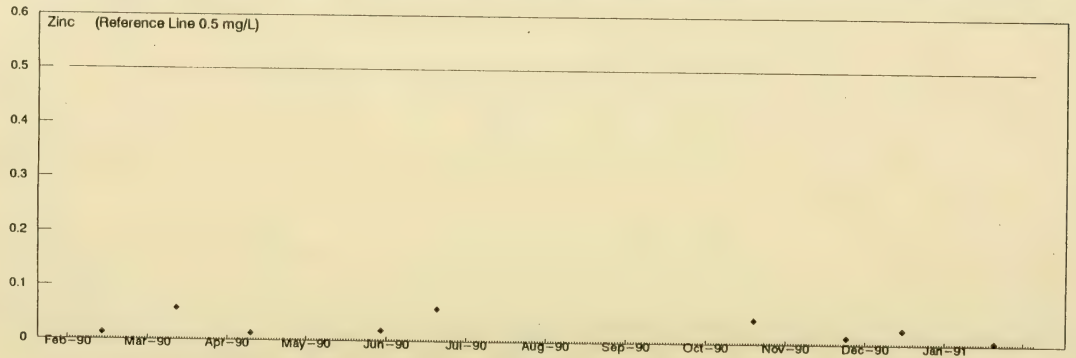
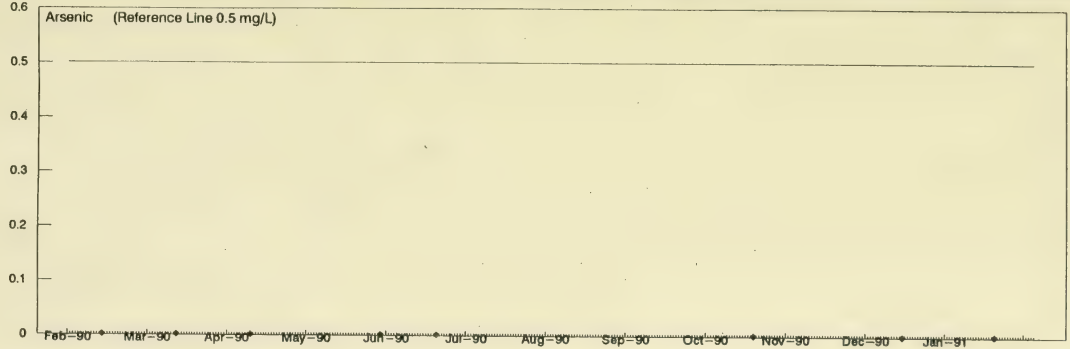
56 – Cameco, Refinery, Blind River SR 0300 – Final Discharge
Daily Concentration Plots: February 1, 1990 to January 31, 1991

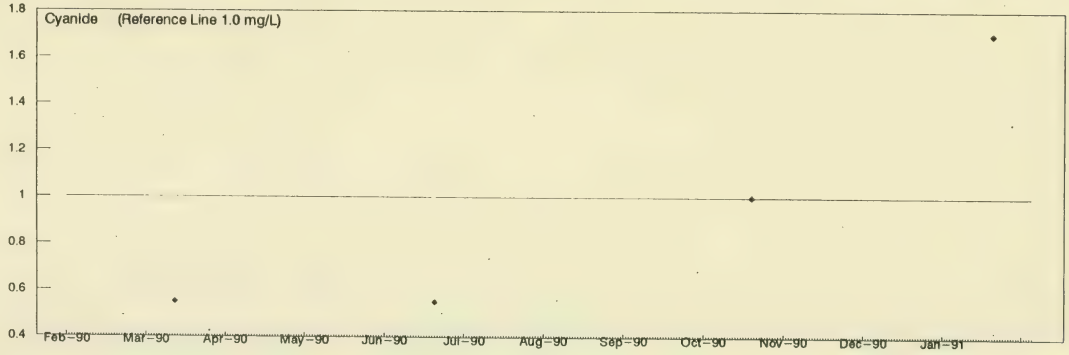
MISA METAL MINING SECTOR
12–MONTH MONITORING DATA



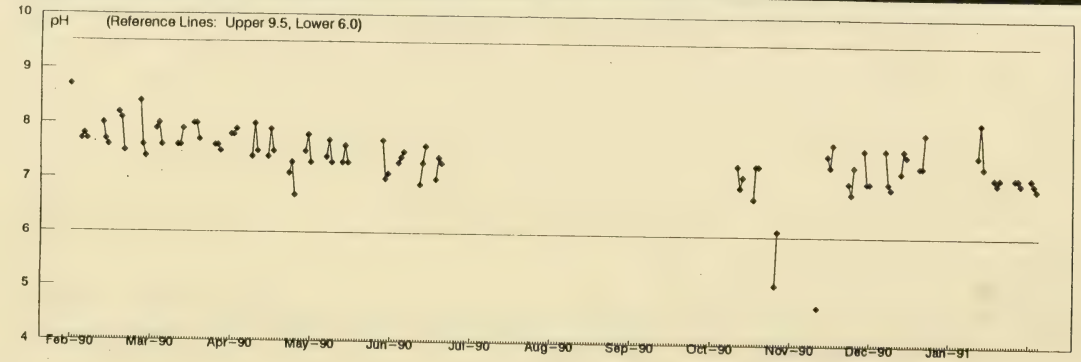


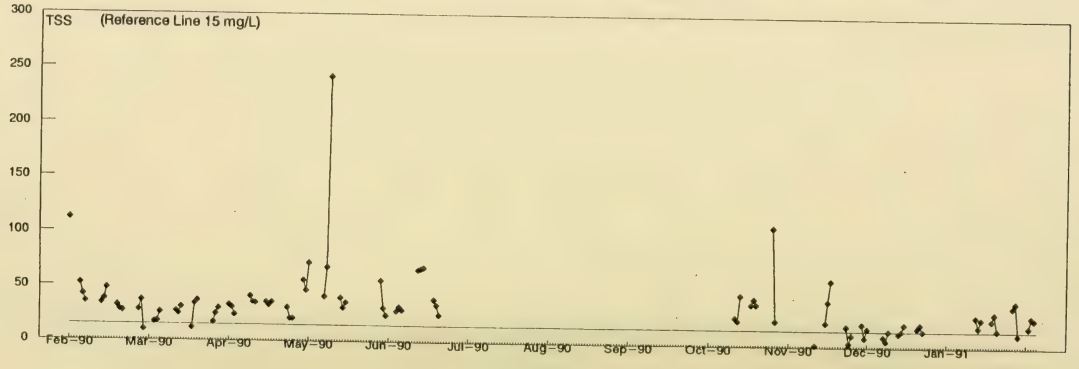
640


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

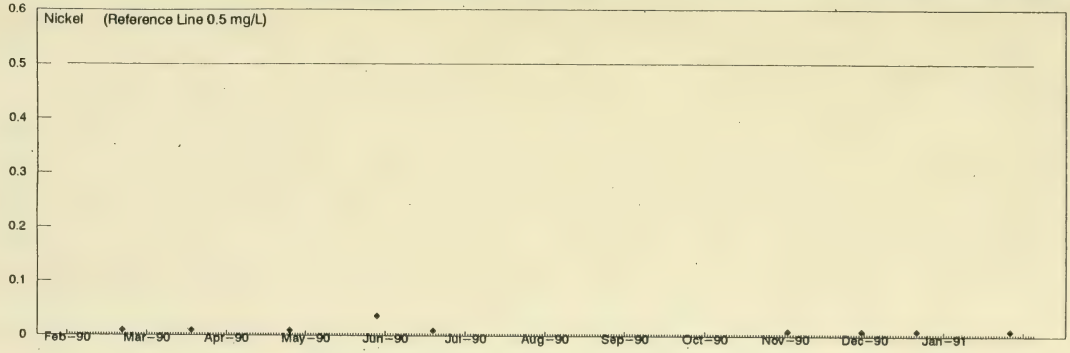

Cyanide (Reference Line 1.0 mg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

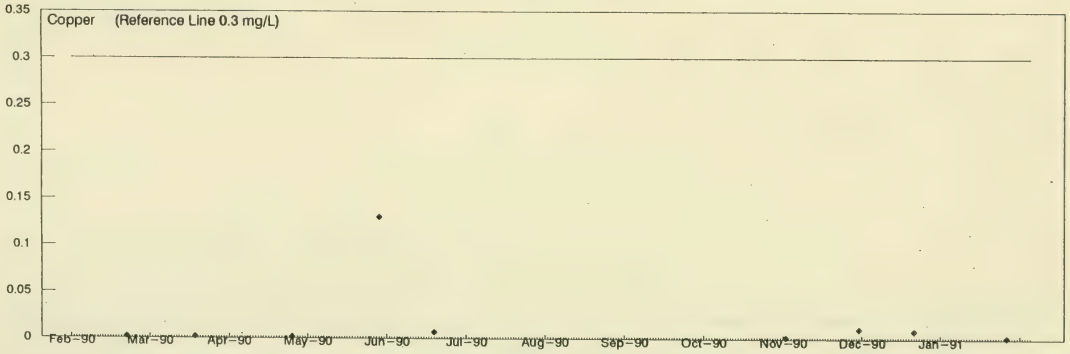
6441


pH
(Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
4
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

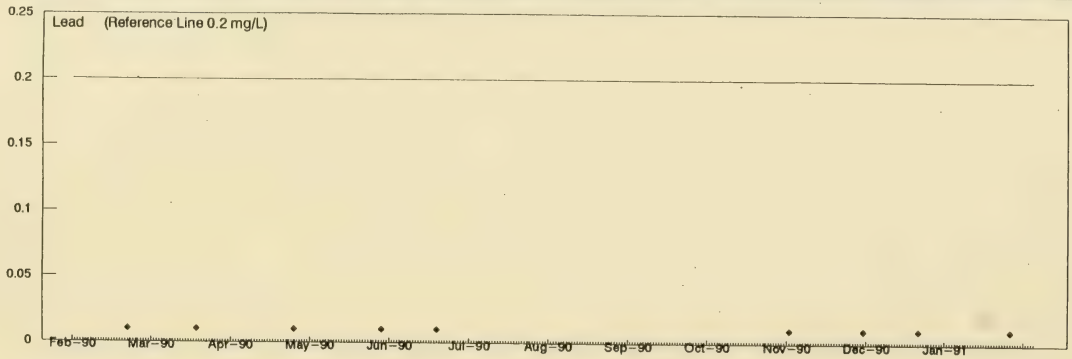

TSS
(Reference Line 15 mg/L)
300
250
200
150
100
50
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

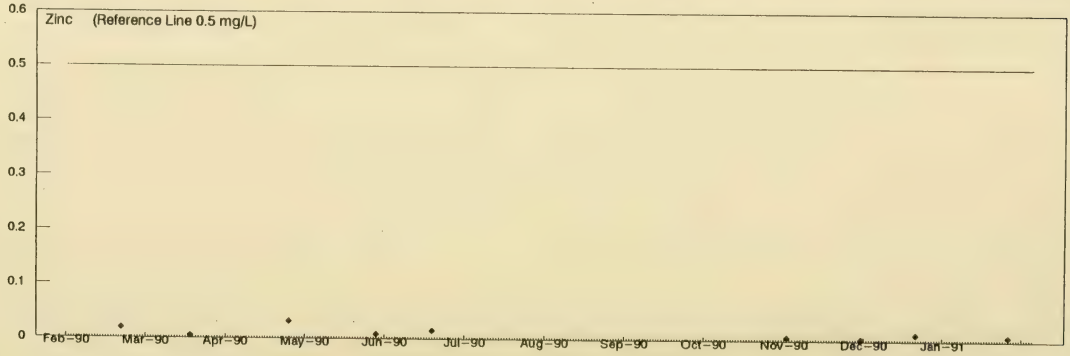
642


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

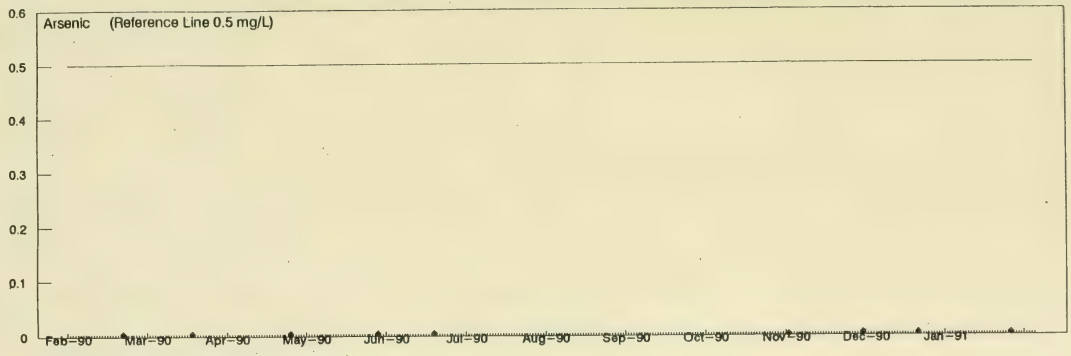

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

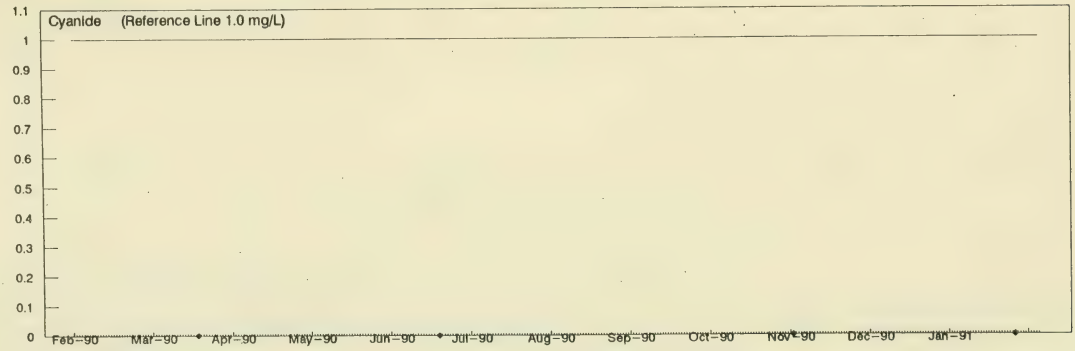
643


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

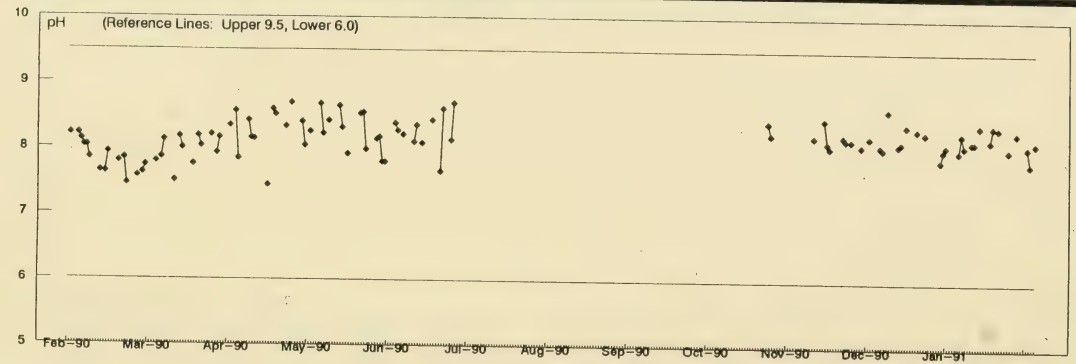
644

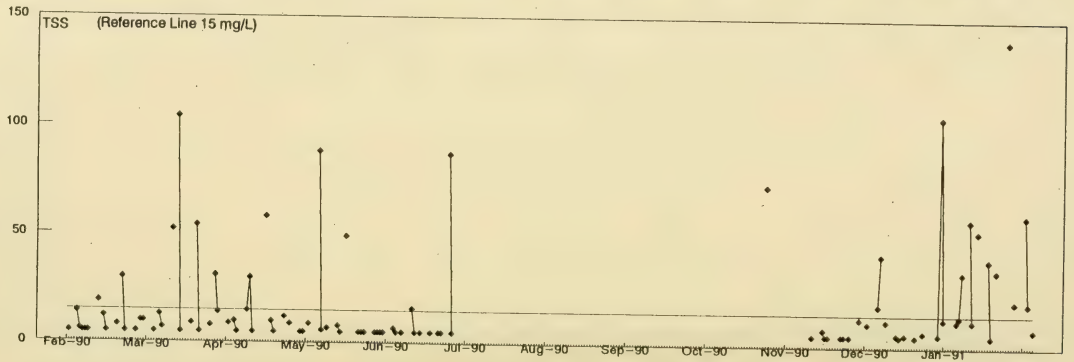

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

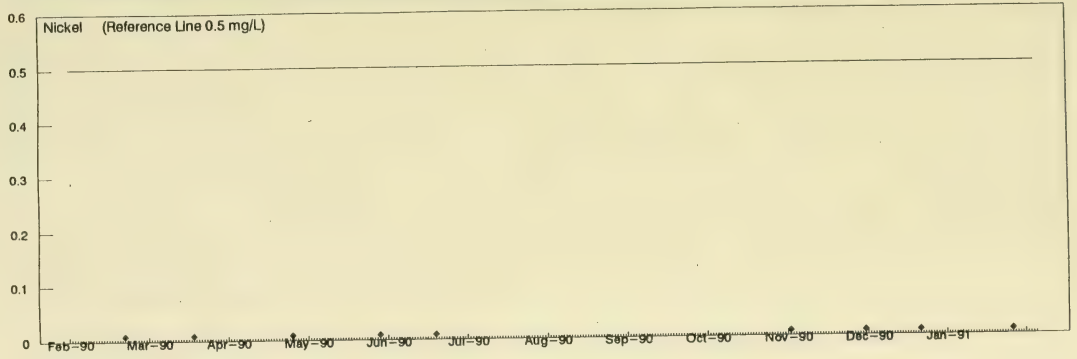
645

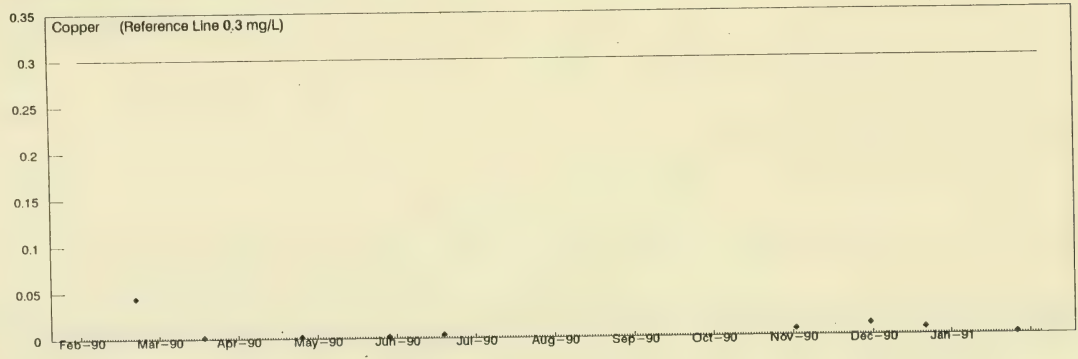
57 – Cameco, Refinery, Port Hope SR 0100 – West UF6/NUO2 Combined Effluent MISA METAL MINING SECTOR
Daily Concentration Plots: February 1, 1990 to January 31, 1991 12–MONTH MONITORING DATA



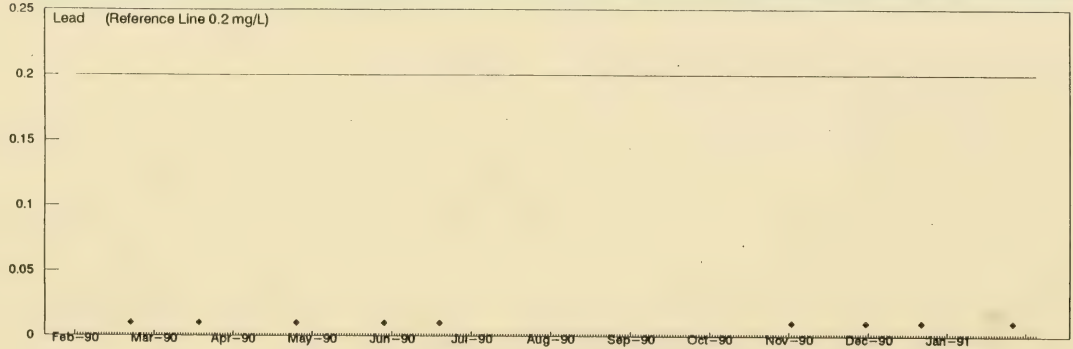


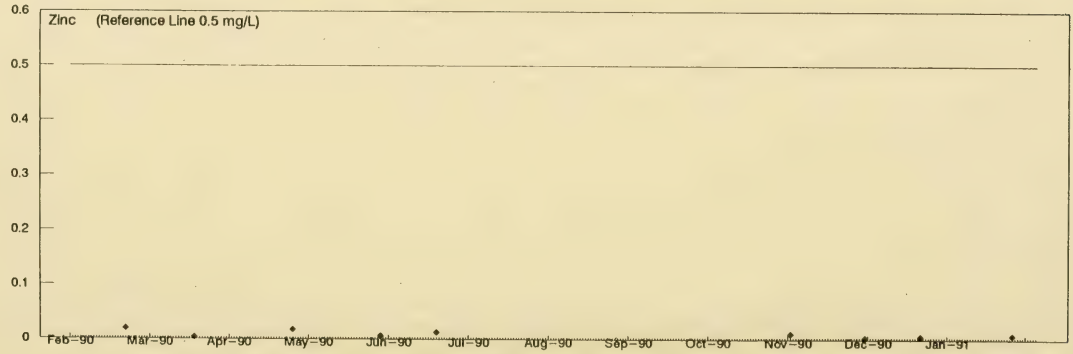
646


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

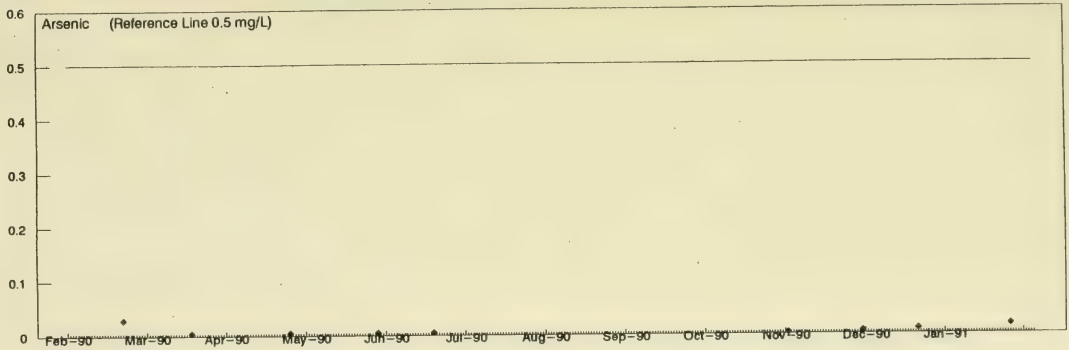

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

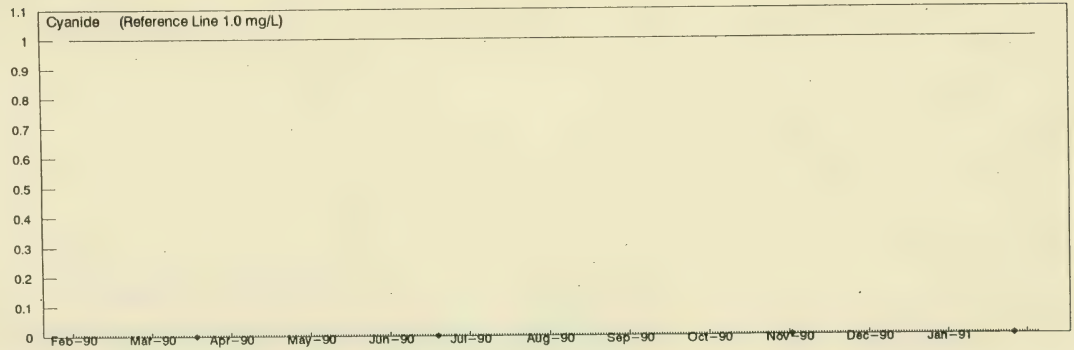
647


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

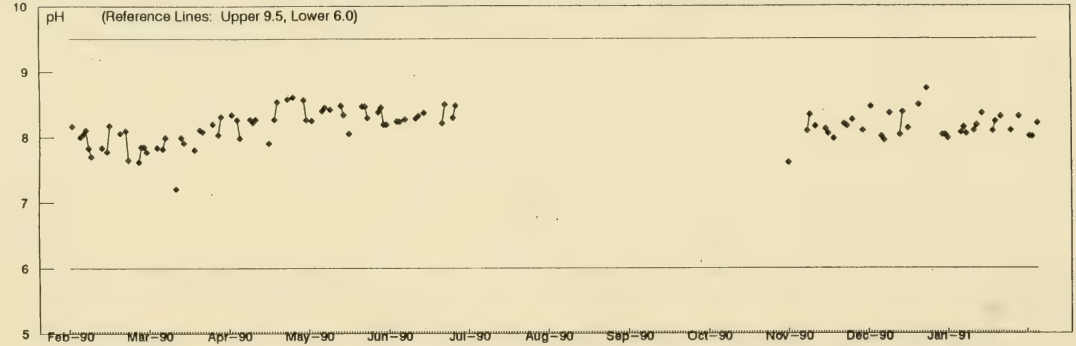
648

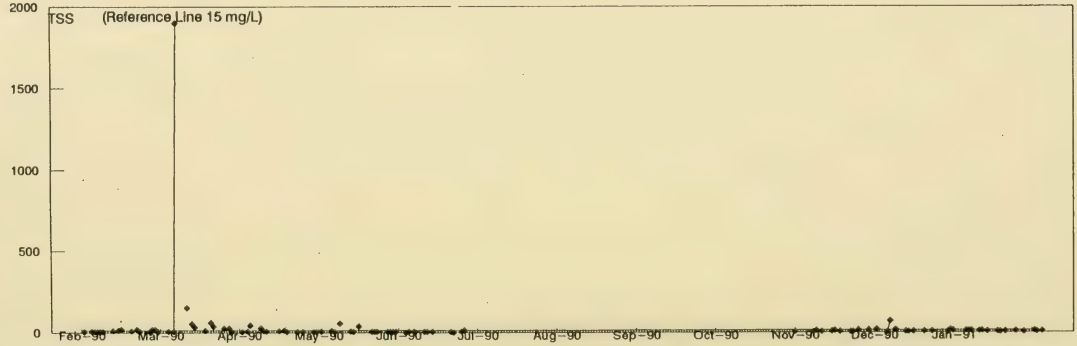

Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

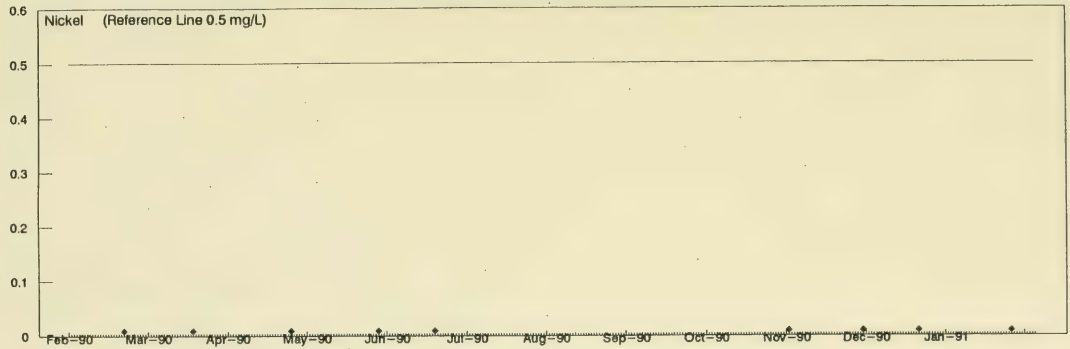
649

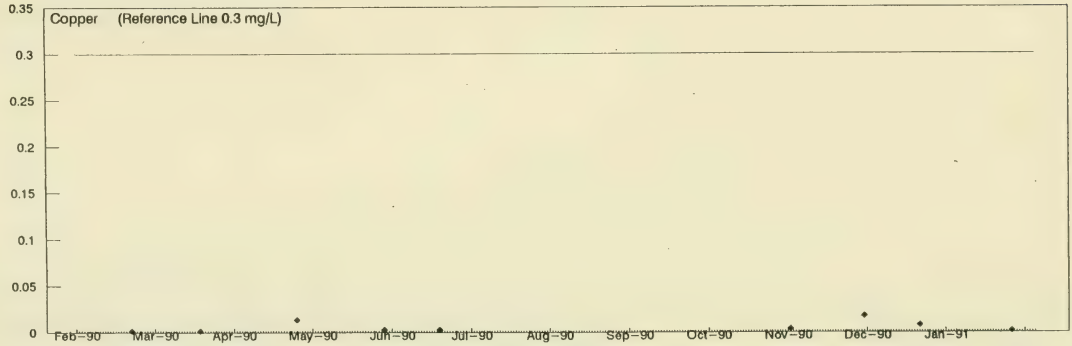
57 – Cameco, Refinery, Port Hope SR 0200 – East UF6 Discharge MISA METAL MINING SECTOR
Daily Concentration Plots: February 1, 1990 to January 31, 1991 12–MONTH MONITORING DATA



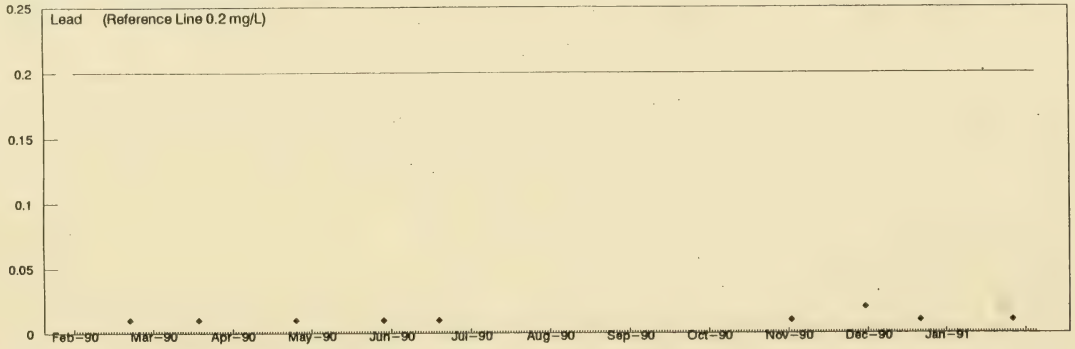


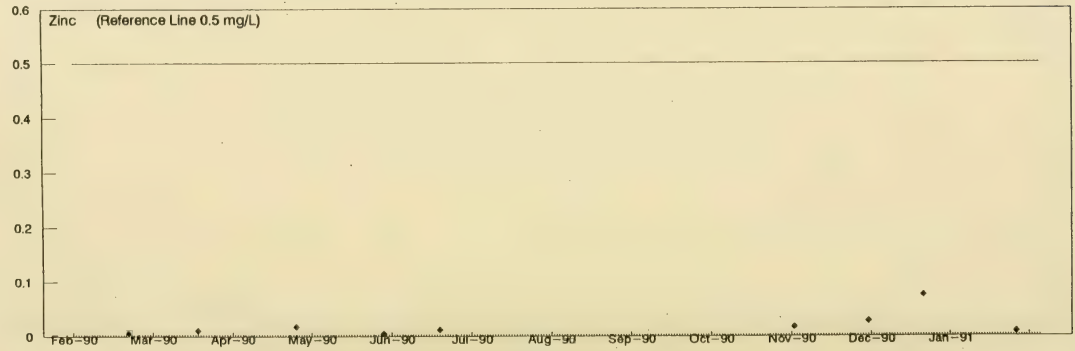
650


Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

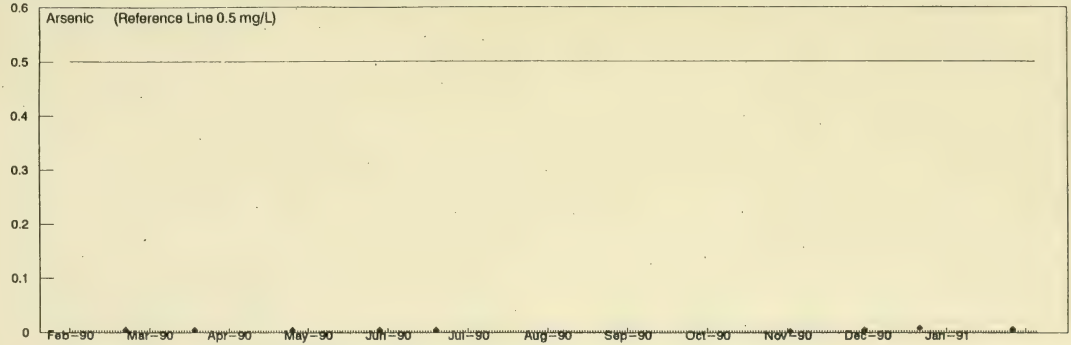

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

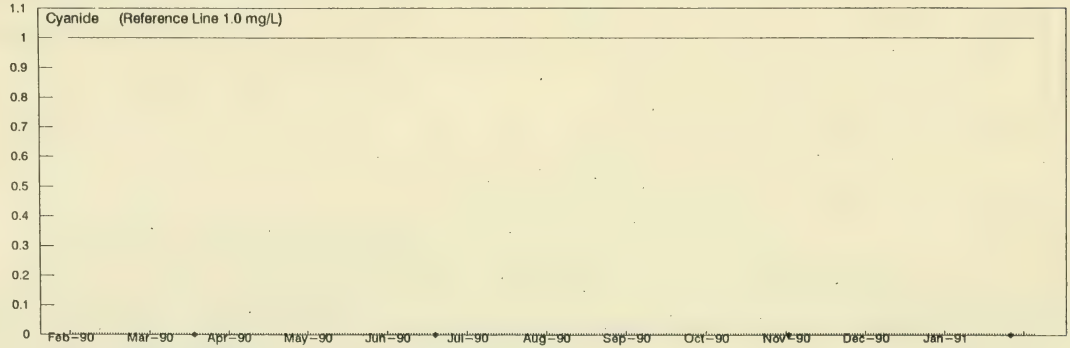
6551

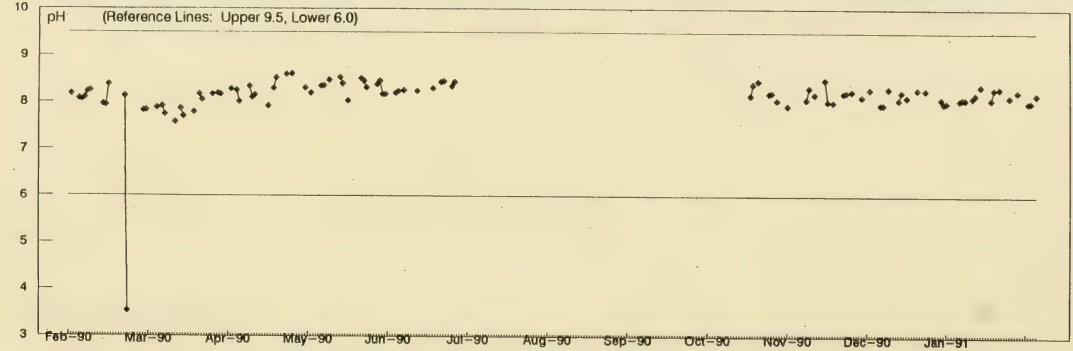

Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

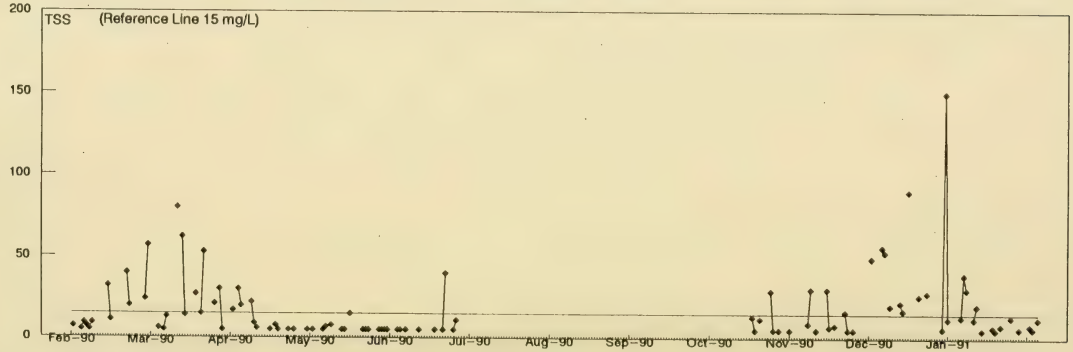

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

652


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
4
3
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS (Reference Line 15 mg/L)
200
150
100
50
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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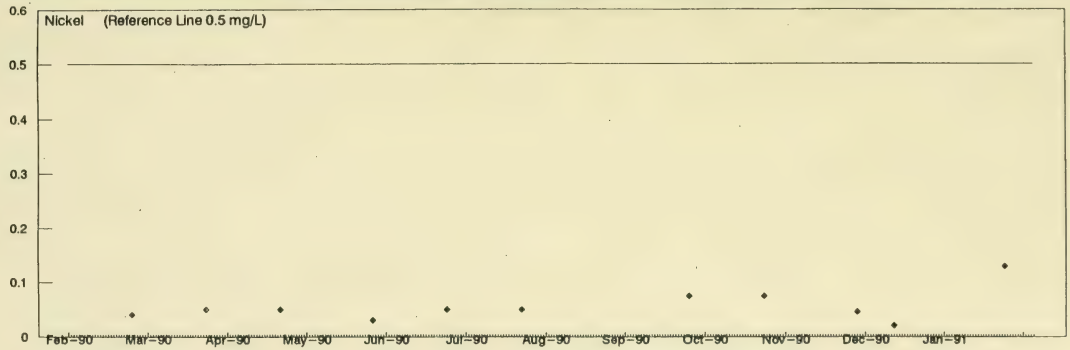
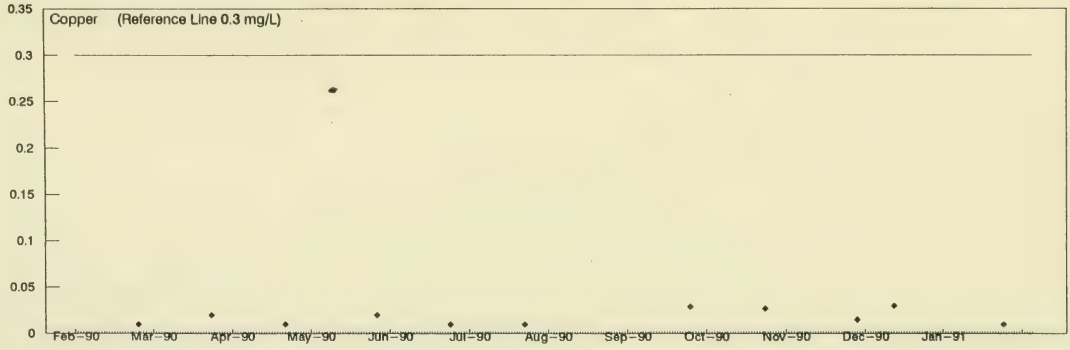
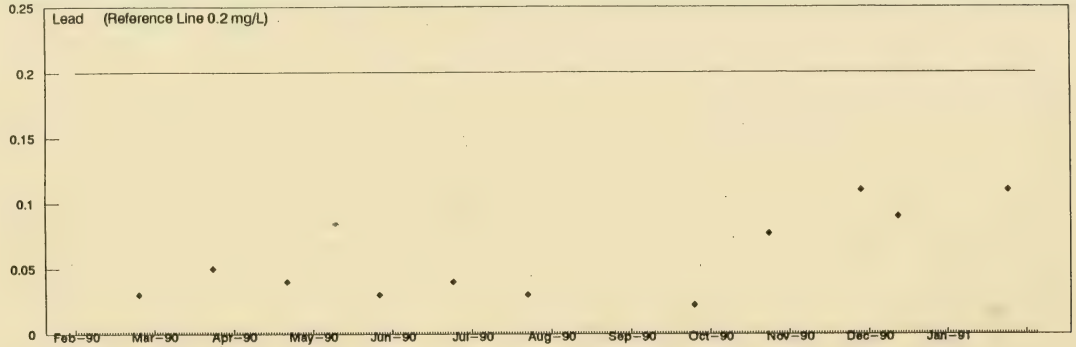
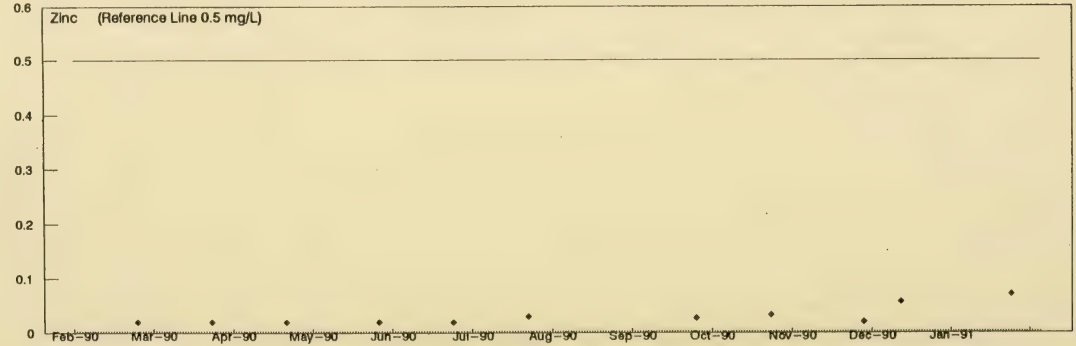
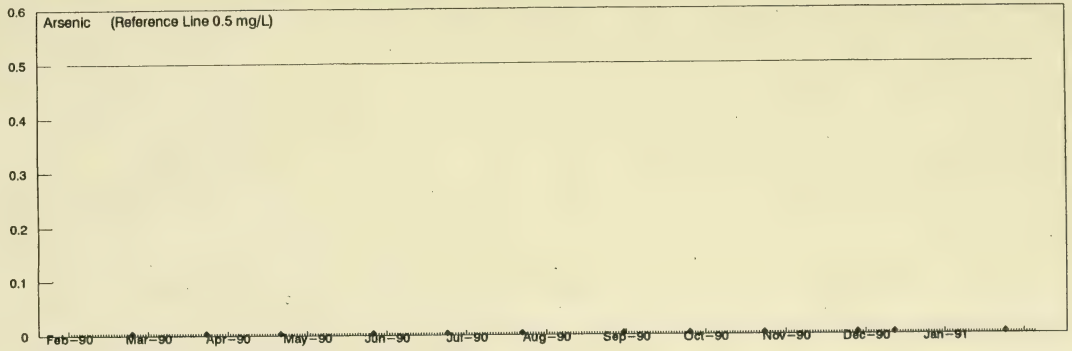

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

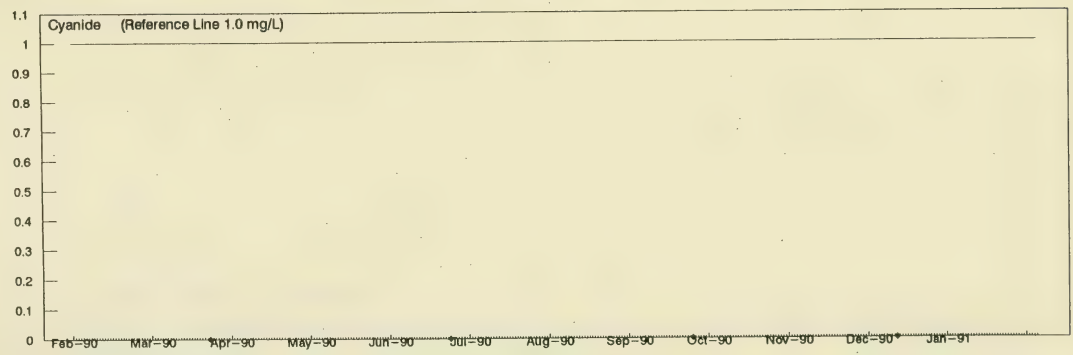

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

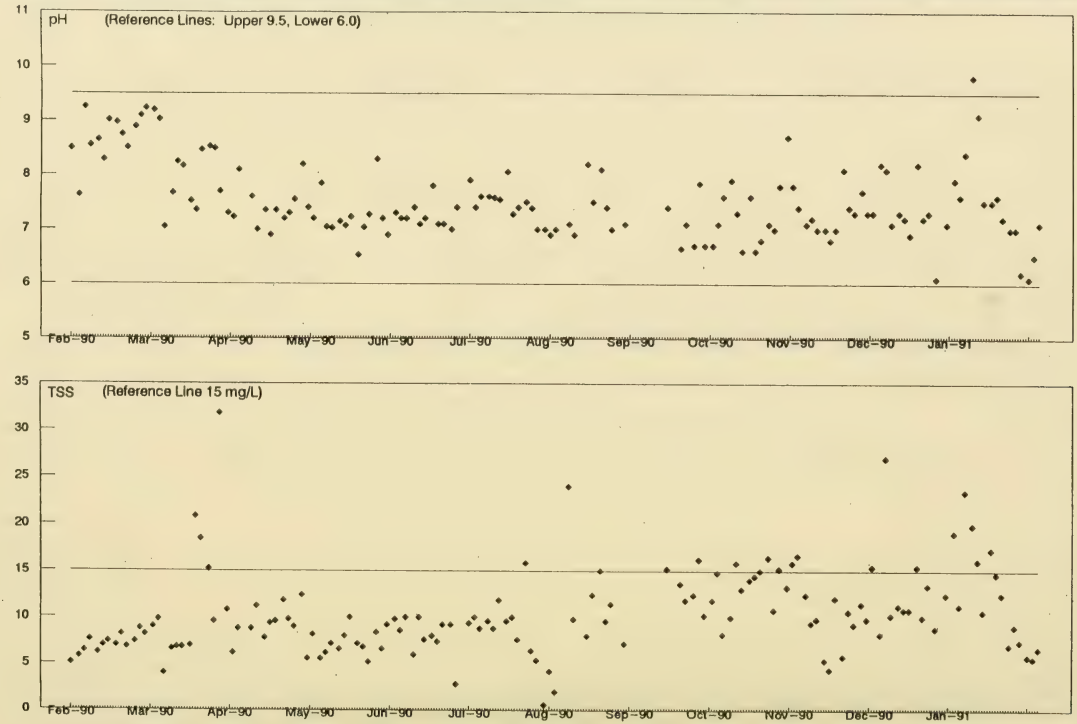

Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

959


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

657


pH (Reference Lines: Upper 9.5, Lower 6.0)
11
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91
TSS (Reference Line 15 mg/L)
35
30
25
20
15
10
5
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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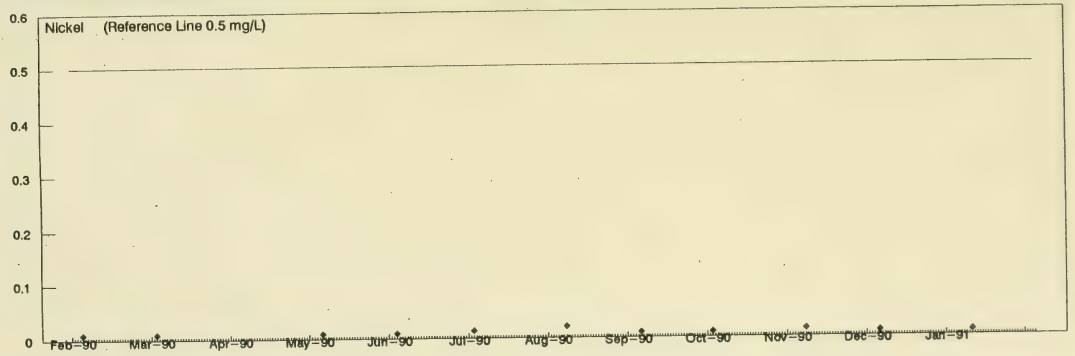
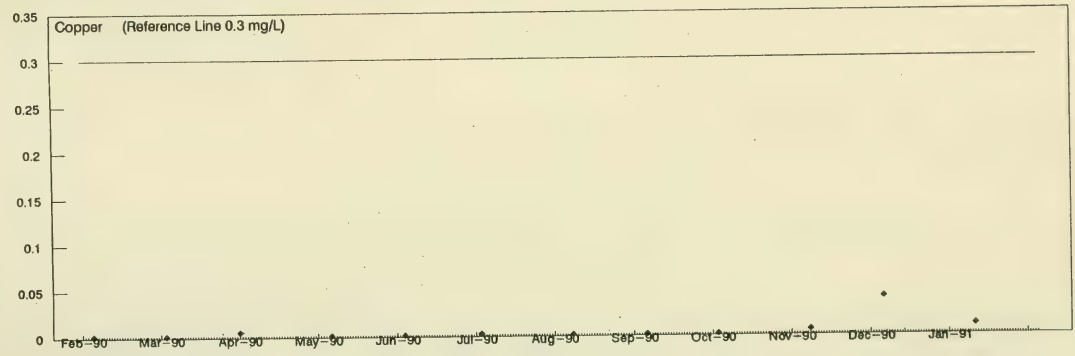
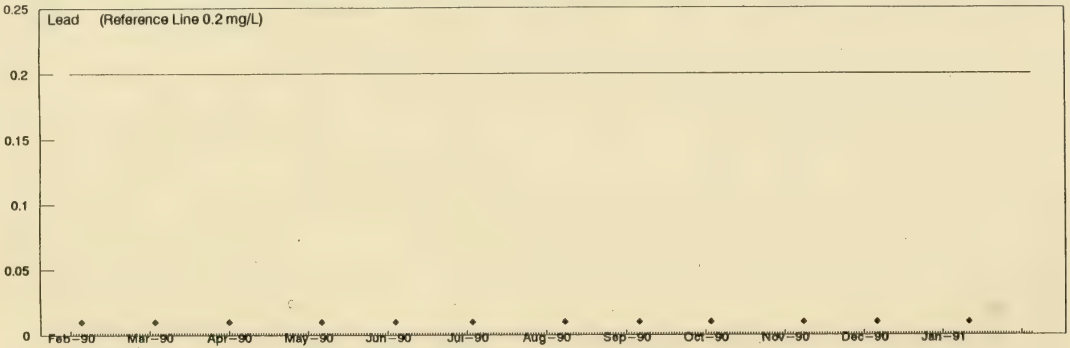
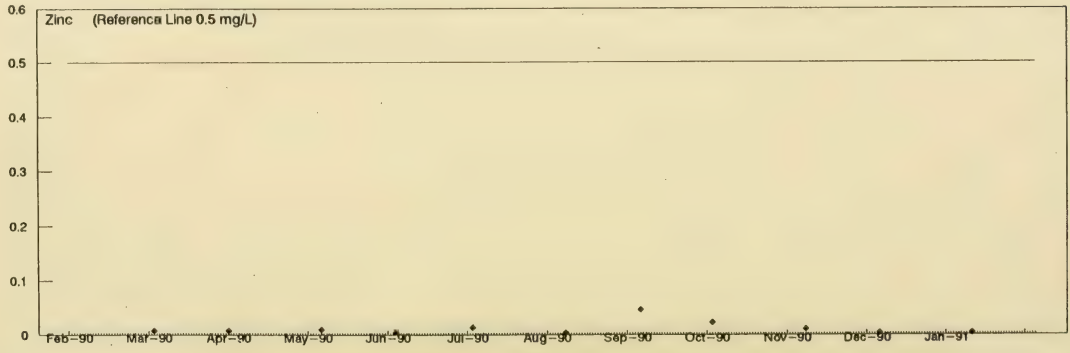

Nickel (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

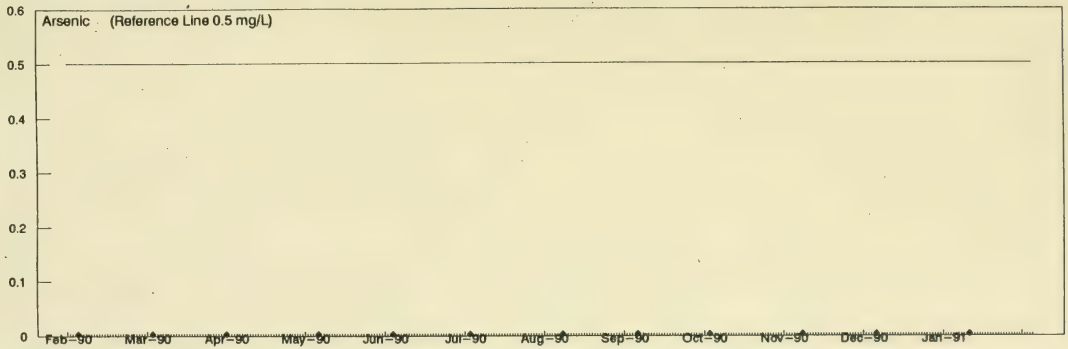

Copper (Reference Line 0.3 mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

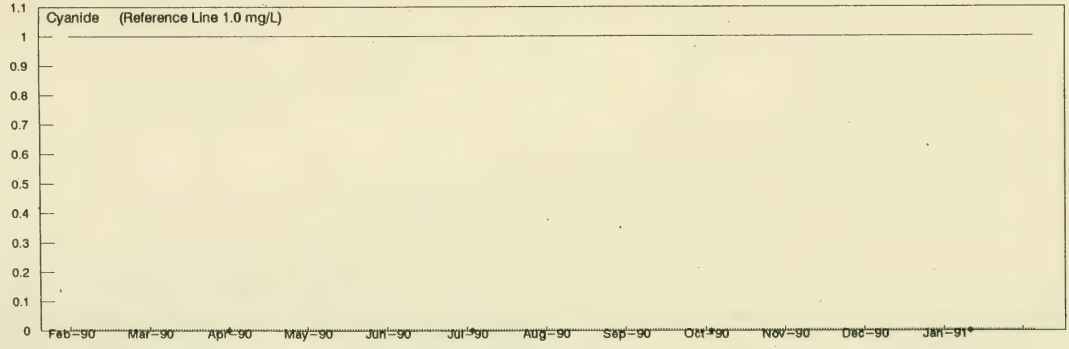
659


Lead (Reference Line 0.2 mg/L)
0.25
0.2
0.15
0.1
0.05
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Zinc (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

099 660


Arsenic (Reference Line 0.5 mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


Cyanide (Reference Line 1.0 mg/L)
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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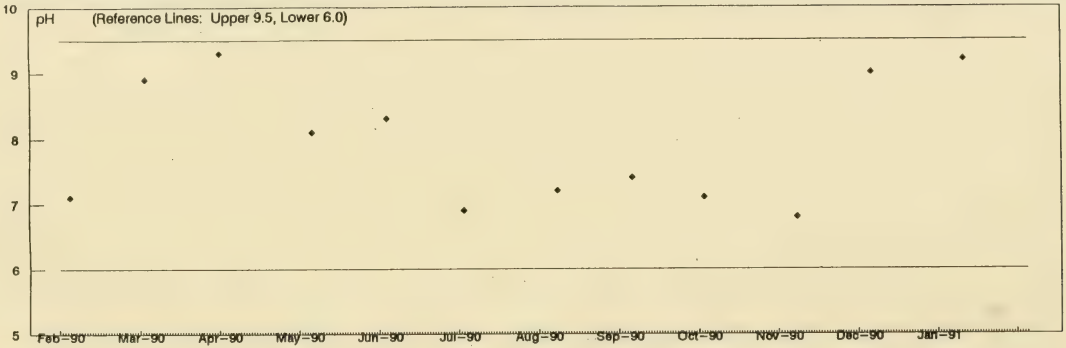
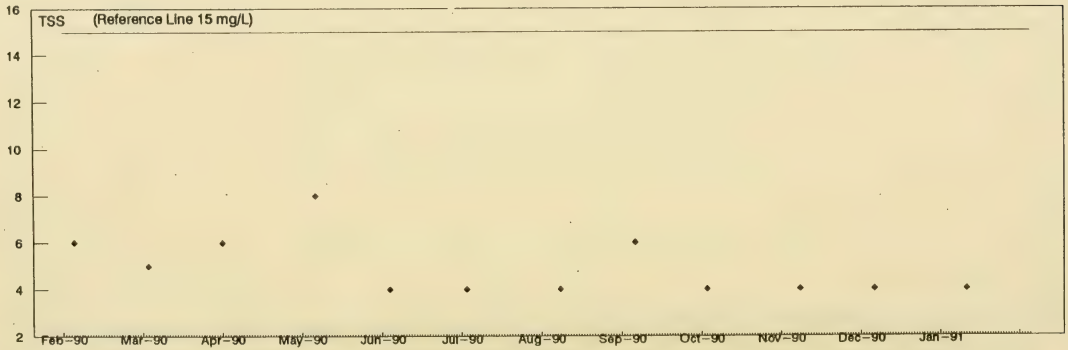

pH (Reference Lines: Upper 9.5, Lower 6.0)
10
9
8
7
6
5
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91


TSS (Reference Line 15 mg/L)
16
14
12
10
8
6
4
2
Feb–90
Mar–90
Apr–90
May–90
Jun–90
Jul–90
Aug–90
Sep–90
Oct–90
Nov–90
Dec–90
Jan–91

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APPENDIX 8

LOADING TABLES

MISA Metal Mining Sector
12 - Month Database
February 1, 1990 to January 31, 1991

Total Annual Sector Loadings
Total Annual Sub-sector Loadings
Total Annual Plant Loadings

Total Annual Loadings (kg/year)
Selected Parameters

MISA Metal Mining Sector
12 – Month Database
February 1, 1990 to January 31, 1991

ATG	Parameter	Copper, Nickel, Lead, Zinc Sub–sector	Gold Sub–sector	Iron Sub–sector	Uranium Sub–sector	Total MISA Metal Mining Sector
01	COD	2510000	3330000	–	555000	6400000
02	Cyanide Total	20700	23500	–	580	44800
06	Total phosphorus	43.8	2100	–	1140	3280
08	Total suspended solids	1310000	488000	14900	299000	2110000
09	Aluminum	7780	8830	603	15900	33100
	Cadmium	393	113	–	216	723
	Chromium	19.6	–	–	–	19.6
	Cobalt	2490	1340	–	1440	5260
	Copper	19000	18400	–	386	37700
	Lead	44.9	448	–	979	1470
	Molybdenum	727	5280	–	362	6370
	Nickel	47800	9480	–	1740	59000
	Thallium	–	126	–	–	126
	Vanadium	–	27.8	–	–	27.8
	Zinc	28600	11200	–	1170	40900
10	Antimony	33.1	1740	–	–	1770
	Arsenic	697	11500	–	261	12500
	Selenium	9590	–	–	–	9590
12	Mercury	527	12.7	–	0.404	540
14	Phenolics (4AAP)	–	1790	–	47.5	1840
16	1,1–Dichloroethane	41.8	–	–	–	41.8
	Carbon tetrachloride	–	–	–	12.5	12.5
	Chloroform	3.33	–	–	3.04	6.38
	Methylene chloride	–	10.8	–	–	10.8
	Trichlorofluoromethane	–	1.57	–	–	1.57
17	Benzene	–	1.27	–	8.99	10.3
	Toluene	40.7	–	–	–	40.7
	m–Xylene and p–Xylene	14.6	–	–	–	14.6
	o–Xylene	8.11	–	–	–	8.11
19	2–Methylnaphthalene	8.39	–	–	–	8.39
	Naphthalene	6.52	–	–	–	6.52
20	m–Cresol	–	12.5	–	–	12.5
	p–Cresol	–	12.5	–	–	12.5
23	1,2,3,4–Tetrachlorobenzene	–	–	–	4.21	4.21
	1,2,3,5–Tetrachlorobenzene	–	–	–	2.49	2.49
	1,2,3–Trichlorobenzene	–	–	–	3.98	3.98
	1,2,4,5–Tetrachlorobenzene	–	–	–	2.45	2.45
	1,2,4–Trichlorobenzene	–	–	–	2.82	2.82
	2,4,5–Trichlorotoluene	–	–	–	1.45	1.45
	Hexachlorobenzene	–	–	–	1.39	1.39
	Hexachlorobutadiene	–	–	–	1.16	1.16
	Hexachlorocyclopentadiene	–	–	–	2.18	2.18
	Hexachloroethane	1.95	–	–	0.788	2.74
	Octachlorostyrene	–	–	–	1.2	1.2
	Pentachlorobenzene	–	–	–	0.971	0.971
25	Oil and grease	157000	125000	2380	25700	310000
4a	Ammonia plus Ammonium	381000	346000	503	856000	1580000
	Total Kjeldahl Nitrogen	466000	591000	–	893000	1950000
4b	Nitrate+Nitrite	202000	193000	1100	1530000	1930000
5b	TOC, Total Organic Carbon	305000	661000	–	7120	972000
M1	Chlorides	12400000	1660000	–	2430000	16500000
M2	Cyanates, Filtered	–	34800	–	–	34800
M3	Dissolved Solids	181000000	33500000	1320000	77600000	293000000
M4	Sulphates	97700000	11400000	629000	43700000	153000000
M5	Iron	49400	23100	1270	26700	100000
M6	Thiocyanates, Filtered	521000	326000	–	–	848000
M7	Uranium	–	–	–	3530	3530
M8	Cyanide (WAD)	387	12700	–	148	13300

Annual Loadings (kg/year)
Copper, Nickel, Lead, Zinc Sub–sector (Selected Parameters)

MISA Metal Mining Sector
12 – Month Database
February 1, 1990 to January 31, 1991

ATG	Parameter	1 PR 0100	2 MW 0100	3 PR 0100	4 MW 0100	5 PR 0100	6 MW 0100	7 MW 0100	8 MW 0100	9 PR 0100
01	COD	940000	18000	143000	–	82700	135000	11400	10700	929000
02	Cyanide Total	604	–	51.4	–	33.8	–	–	3.51	19900
06	Total phosphorus	–	–	–	–	–	–	–	–	–
08	Total suspended solids	673000	–	28000	9590	30200	50700	17500	–	231000
09	Aluminum	–	–	1190	–	298	766	–	66.9	2080
	Cadmium	–	–	–	–	–	60.2	–	–	320
	Chromium	–	–	–	–	–	–	–	–	–
	Cobalt	1510	–	181	–	–	–	–	–	–
	Copper	7780	8.95	122	14.6	364	374	26.9	5.24	5010
	Lead	–	–	–	–	–	–	–	–	–
	Molybdenum	–	–	727	–	–	–	–	–	–
	Nickel	21800	298	2890	519	32.3 *	–	902	79.2	296
	Zinc	323	333	165	10.4	121	10700	8.71	8.2	15900
10	Antimony	–	–	–	–	–	–	–	–	–
	Arsenic	–	–	35.6	–	–	–	–	–	246
	Selenium	7020	–	–	–	–	43	–	–	2460
14	Phenolics (4AAP)	190	4.56	78.7	2.01 *	3.46	29.7 *	3.17	4.61	68.7 *
16	1,1–Dichloroethane	34.7 *	0.516 *	–	0.627 *	–	–	0.394 *	–	–
	Chloroform	–	–	–	–	–	–	–	0.565 *	–
17	Toluene	38.3	–	–	–	2.33	–	–	–	–
	m–Xylene and p–Xylene	–	–	–	–	14.6	–	–	–	–
	o–Xylene	–	–	–	–	8.11	–	–	–	–
19	2–Methylnaphthalene	–	–	–	–	8.39	–	–	–	–
	Naphthalene	–	–	–	–	6.52	–	–	–	–
23	Hexachloroethane	1.44 *	0.0394 *	–	0.0336 *	–	–	0.0191 *	–	–
25	Oil and grease	35100 *	857 *	25400	894 *	2770 *	12600	722 *	898	47200
4a	Ammonia plus Ammonium	221000	1330	2720	–	99400	7020	3120	648	12700
	Total Kjeldahl Nitrogen	274000	2040	7250	1190	103000	12100	3490	856	20200
4b	Nitrate+Nitrite	90700	2160	–	2500	3800	39000	5730	2620	24500
5b	TOC, Total Organic Carbon	196000	–	40800	–	14700	20800	–	–	–
M1	Chlorides	3240000	4920000	251000	82500	60200	163000	34600	92100	201000
M3	Dissolved Solids	80000000	1180000	5490000	1590000	8790000	4250000	1240000	767000	46700000
M4	Sulphates	46600000	626000	2920000	849000	5590000	1460000	695000	166000	23300000
M5	Iron	20800	97.6	5720	260	476	679	1290	39.9	2600
M6	Thiocyanates, Filtered	349000 *	5740 *	–	6960 *	51900	–	2870 *	–	–
M8	Cyanide (WAD)	–	–	–	–	–	105 *	–	–	282 *

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

Annual Loadings (kg/year)
Copper, Nickel, Lead, Zinc Sub-sector (Selected Parameters)

MISA Metal Mining Sector
12 – Month Database
February 1, 1990 to January 31, 1991

ATG	Parameter	10 SR 0100	11 SW 0100	12 MW 0100	13 SR 0100	14 PR 0100	15 PR 0100	16 MW 0100	17 PR 0100	*GRAND TOTAL*
01	COD	14300	–	9160	72700	26000	108000	1770	7600	2510000
02	Cyanide Total	–	–	3.35	–	–	51.2	–	–	20700
06	Total phosphorus	–	–	43.8	–	–	–	–	–	43.8
08	Total suspended solids	5470	167000	3730	27900	7860	52200	1260	5300	1310000
09	Aluminum	–	1560	149	–	137	1370	115	31.3	7780
	Cadmium	–	12.4	–	–	–	–	–	–	393
	Chromium	–	–	19.6	–	–	–	–	–	19.6
	Cobalt	44.5	551	–	183	–	–	18.8	–	2490
	Copper	145	4240	4.28	669	–	176	11.4	9.3	19000
	Lead	44.9	–	–	–	–	–	–	–	44.9
	Molybdenum	–	–	–	–	–	–	–	–	727
	Nickel	968	16100	102	688	335	2330	392	6	47800
	Zinc	11.7	359	10.2	33.1	–	357	13.7	177	28600
10	Antimony	–	–	–	33.1	–	–	–	–	33.1
	Arsenic	8.85	–	–	407	–	–	–	–	697
	Selenium	–	–	–	58.1	–	–	–	6.75	9590
14	Phenolics (4AAP)	34	20.9	4.65	12.7	25.6	43.4	0.515 *	–	527
16	1,1-Dichloroethane	1.62 *	3.88 *	–	–	–	–	0.0625 *	–	41.8
	Chloroform	2.77	–	–	–	–	–	–	–	3.33
17	Toluene	–	–	–	–	–	–	–	–	40.7
	m-Xylene and p-Xylene	–	–	–	–	–	–	–	–	14.6
	o-Xylene	–	–	–	–	–	–	–	–	8.11
19	2-Methylnaphthalene	–	–	–	–	–	–	–	–	8.39
	Naphthalene	–	–	–	–	–	–	–	–	6.52
23	Hexachloroethane	0.0715 *	0.227 *	–	0.0569 *	0.0569 *	–	0.0026 *	–	1.95
25	Oil and grease	1160 *	6580 *	924	3440 *	1670 *	16400	102 *	594	157000
4a	Ammonia plus Ammonium	1010	11000	7410	804	2380	9520	413	856	381000
	Total Kjeldahl Nitrogen	1600	17200	8540	2780	3450	7390	765	1020	466000
4b	Nitrate+Nitrite	813	3490	15900	3090	1680	2200	2460	945	202000
5b	TOC, Total Organic Carbon	–	–	–	21200	8780	–	–	2390	305000
M1	Chlorides	31700	507000	361000	1190000	42600	1190000	5630	25500	12400000
M3	Dissolved Solids	289000	5140000	955000	15300000	1290000	6540000	315000	692000	181000000
M4	Sulphates	193000	2790000	230000	8140000	693000	2880000	162000	369000	97700000
M5	Iron	189	15800	22.8	580	240	457	29.9	49.6	49400
M6	Thiocyanates, Filtered	18000 *	35900 *	–	34700 *	15100 *	–	696 *	–	521000
M8	Cyanide (WAD)	–	–	–	–	–	–	–	–	387

* Parameters with QA/QC concerns. Explanation in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

Annual Loadings (kg/year)
Gold Sub–sector (Selected Parameters)

MISA Metal Mining Sector
12–Month Database
February 1, 1990 to January 31, 1991

ATG	Parameter	19 PR 0100	21 PR 0100	24 PR 0100	25 PR 0100	26 PR 0100	27 PR 0100	28 PR 0100	29 PR 0100	30 PR 0100	31 PR 0100	32 PR 0100
01	COD	590000	2270	10800	1770000	165000	143000	74600	176000	18600	7730	107000
02	Cyanide Total	1710	47.5	77.6	354	1030	21.8	542	309	112	20	8490
06	Total phosphorus	751	6.4	–	–	–	–	–	–	–	–	–
08	Total suspended solids	75400	1170	–	70600	40400	–	63300	21100	11300	–	90700
09	Aluminum	1580	–	48	2320	220	–	715	–	39.2	–	2020
	Cadmium	99.4	–	1.84	–	–	–	–	–	–	–	12
	Cobalt	603	4.09	–	362	169	–	–	–	–	–	139
	Copper	5730	15.5	9.59	3920	1970	–	80.3	349	27.7	–	4600
	Lead	327	–	29.1	–	–	–	–	–	21.7	–	–
	Molybdenum	–	–	118	–	–	–	2700	–	452	–	1980
	Nickel	5890	16	26.5 *	269	1830	–	–	206	69.4	–	827
	Thallium	–	–	–	–	–	126 *	–	–	–	–	–
	Vanadium	–	–	–	–	–	–	–	–	–	–	–
	Zinc	1340	33.3	5.3	117	104	–	–	122	20.3	–	103
10	Antimony	–	–	256	–	–	34.3 *	–	–	279	–	–
	Arsenic	11400	19.8	–	–	38.5	–	–	–	–	–	–
12	Mercury	–	–	–	1.88	1.12	8.03	–	–	–	–	0.755
14	Phenolics (4AAP)	1540	–	–	–	–	–	43.7	–	–	–	41.9
16	Methylene chloride	–	–	–	–	–	–	–	–	–	–	–
	Trichlorofluoromethane	–	–	–	–	–	–	–	–	1.57 *	–	–
17	Benzene	–	–	–	–	–	–	–	–	–	–	–
20	m–Cresol	–	–	–	–	–	–	–	–	–	–	–
	p–Cresol	–	–	–	–	–	–	–	–	–	–	–
25	Oil and grease	22100	180	712	40000	10100	9040	6400	4390	1150	1020	14300
4a	Ammonia plus Ammonium	31600	192	10200	103000	6360	4350	2070	47400	16500	4940	62400
	Total Kjeldahl Nitrogen	46400	123	11400	296000	15200	4650	4990	66100	18000	3450	29400
4b	Nitrate+Nitrite	39600	212	6790	15900	6970	–	–	–	22500	2300	47200
5b	TOC, Total Organic Carbon	228000	–	–	255000	35100	–	41000	–	–	–	32700
M1	Chlorides	444000	–	45700	–	105000	15300	203000	–	66400	–	334000
M2	Cyanates, Filtered	–	–	–	–	–	–	–	–	–	–	22800
M3	Dissolved Solids	4730000	25800	1470000	3660000	2220000	385000	1980000	3960000	2920000	163000	5530000
M4	Sulphates	1520000	–	870000	2540000	810000	94900	906000	–	1760000	–	538000
M5	Iron	5470	17.4	61.8	1370	1440	329	2540	2410	539	127	2170
M6	Thiocyanates, Filtered	–	–	–	311000	–	–	–	–	–	–	15500
M8	Cyanide (WAD)	700	23.9	47.7	–	689	–	135	130	–	4.85	2480

* Parameters with QA/QC concerns. Explantion in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

Annual Loadings (kg/year)
Gold Sub–sector (Selected Parameters)

MISA Metal Mining Sector
12–Month Database
February 1, 1990 to January 31, 1991

ATG	Parameter	35 MW 0100	36 PR 0100	37 PR 0100	38 MW 0100	38 PR 0200	39 PR 0100	39 PR 0200	40 MW 0100	42 PR 0100	45 PR 0100	*GRAND TOTAL*
01	COD	5580	84000	27700	2610	23400	21500	3310	–	80600	13900	3330000
02	Cyanide Total	–	15.7	24.6	–	217	764	15.3	–	9710	25.6	23500
06	Total phosphorus	–	251	21.5	42.1	–	397	99.3	–	510	18.1	2100
08	Total suspended solids	71300	–	3010	1650	–	22000	2510	–	8510	4620	488000
09	Aluminum	1520	–	–	–	101	145	–	–	119	–	8830
	Cadmium	–	–	–	–	–	–	–	–	–	–	113
	Cobalt	–	–	–	–	34.9	29.7	–	–	–	–	1340
	Copper	6.31	154	–	0.923	80.5	111	2.17	–	1300	21.9	18400
	Lead	13.2	–	–	–	56.6	–	–	–	–	–	448
	Molybdenum	–	–	–	–	–	–	–	–	25.2	–	5280
	Nickel	23.4	–	–	–	74.8	163	3.26	–	84.1	4.06	9480
	Thallium	–	–	–	–	–	–	–	–	–	–	126
	Vanadium	–	–	27.8 *	–	–	–	–	–	–	–	27.8
	Zinc	12.8	28.4	–	0.92	18.4	130	–	–	9140	–	11200
10	Antimony	–	–	–	–	1170	–	–	–	–	–	1740
	Arsenic	59.5	–	–	4.2	–	20	0.746	–	–	1.43	11500
12	Mercury	–	–	–	0.123	–	–	–	–	0.821	–	12.7
14	Phenolics (4AAP)	–	23.2	1.61	–	–	127	16.2	–	–	–	1790
16	Methylene chloride	10.8	–	–	–	–	–	–	–	–	–	10.8
	Trichlorofluoromethane	–	–	–	–	–	–	–	–	–	–	1.57
17	Benzene	1.27	–	–	–	–	–	–	–	–	–	1.27
20	m–Cresol	–	–	–	–	–	12.5	–	–	–	–	12.5
	p–Cresol	–	–	–	–	–	12.5	–	–	–	–	12.5
25	Oil and grease	2100	2290	892	193	2370	2910	136	–	4020	806	125000
4a	Ammonia plus Ammonium	3730	4530	1880	1230	30200	2200	271	–	13000	467	346000
	Total Kjeldahl Nitrogen	3840	4880	1420	1980	35000	3740	717	–	43100	796	591000
4b	Nitrate+Nitrite	5700	1460	432	3620	20800	4040	1600	–	14100	–	193000
5b	TOC, Total Organic Carbon	–	–	17600	–	10100	23800	–	–	16900	–	661000
M1	Chlorides	22300	–	1780	–	354000	26000	–	–	43600	–	1660000
M2	Cyanates, Filtered	–	–	–	–	12000	–	–	–	–	–	34800
M3	Dissolved Solids	193000	391000	72900	102000	3570000	511000	132000	–	1400000	52900	33500000
M4	Sulphates	8160	–	16200	–	1910000	263000	–	–	120000	–	11400000
M5	Iron	2260	1740	348	64	481	228	108	–	1210	152	23100
M6	Thiocyanates, Filtered	–	–	–	–	–	–	–	–	–	–	326000
M8	Cyanide (WAD)	–	5.64	5.78	–	126	687	7.18	–	7690	8.58	12700

* Parameters with QA/QC concerns. Explantion in MISA Metal Mining Sector Data Quality Evaluation Report (Appendix 3).

Annual Loadings (kg/year)
Iron Sub–sector (Selected Parameters)

MISA Metal Mining Sector
12 – Month Database
February 1, 1990 to January 31, 1991

ATG	PARAMETER	46 PR 0100
08	Total suspended solids	14900
09	Aluminum	603
25	Oil and grease	2360
4a	Ammonia plus Ammonium	503
4b	Nitrate+Nitrite	1100
M3	Dissolved Solids	1320000
M4	Sulphates	629000
M5	Iron	1270

Annual Loadings (kg/year)
Uranium Sub–sector (Selected Parameters)

MISA Metal Mining Sector
12 – Month Database
February 1, 1990 to January 31, 1991

ATG	PARAMETER	51 PR 0100	51 SW 0200	52 SW 0100	53 SR 0100	54 SW 0100	55 PR 0100	56 SR 0300	57 SR 0100	57 SR 0200	57 SR 0300	58 SR 0100	59 SW 0100	GRAND TOTAL
01	COD	142000	2080	53700	66400	20000	150000	32800	–	–	–	88500	–	555000
02	Cyanide Total	–	–	–	–	–	416	163	–	–	–	–	–	580
06	Total phosphorus	1050	–	–	–	–	–	–	–	92.6	–	–	–	1140
08	Total suspended solids	85200	–	–	10700	–	20800	5740	91000	17700	2660	61200	4450	299000
09	Aluminum	2100	7	243	645	440	3270	15.7	737	123	59	7510	761	15900
	Cadmium	–	–	–	40.1 *	19.4 *	96 *	–	–	–	–	60.9 *	–	216
	Cobalt	276	–	55.5	186	85.4	571	–	–	–	–	264	–	1440
	Copper	–	–	29.3	47.3	28.8	179	–	–	–	–	102	–	386
	Lead	–	–	111	137	–	380	–	–	–	–	351	–	979
	Molybdenum	362	–	–	–	–	–	–	–	–	–	–	–	362
	Nickel	430	–	56.6	240	–	684	–	–	–	–	326	–	1740
	Zinc	407	–	23.2	134	13.7	302	4.89	73.8 *	8.48 *	1.92	191	9.57	1170
10	Arsenic	261	–	–	–	–	–	–	–	–	–	–	–	261
12	Mercury	–	–	–	–	–	–	0.404	–	–	–	–	–	0.404
14	Phenolics (4AAP)	29.7	0.282	–	–	–	14.1	1.17	–	–	–	–	2.2	47.5
16	Carbon tetrachloride	–	–	–	12.5	–	–	–	–	–	–	–	–	12.5
	Chloroform	–	–	–	–	–	–	3.04	–	–	–	–	–	3.04
17	Benzene	–	–	–	–	–	–	8.99	–	–	–	–	–	8.99
23	1,2,3,4–Tetrachlorobenzene	–	–	–	–	–	–	4.21 *	–	–	–	–	–	4.21
	1,2,3,5–Tetrachlorobenzene	–	–	–	–	–	–	2.49 *	–	–	–	–	–	2.49
	1,2,3–Trichlorobenzene	–	–	–	–	–	–	3.98 *	–	–	–	–	–	3.98
	1,2,4,5–Tetrachlorobenzene	–	–	–	–	–	–	2.45 *	–	–	–	–	–	2.45
	1,2,4–Trichlorobenzene	–	–	–	–	–	–	2.82 *	–	–	–	–	–	2.82
	2,4,5–Trichlorotoluene	–	–	–	–	–	–	1.45 *	–	–	–	–	–	1.45
	Hexachlorobenzene	–	–	–	–	–	–	1.39 *	–	–	–	–	–	1.39
	Hexachlorobutadiene	–	–	–	–	–	–	1.16 *	–	–	–	–	–	1.16
	Hexachlorocyclopentadiene	–	–	–	–	–	–	2.18 *	–	–	–	–	–	2.18
	Hexachloroethane	–	–	–	–	–	–	0.788 *	–	–	–	–	–	0.788
	Octachlorostyrene	–	–	–	–	–	–	1.2 *	–	–	–	–	–	1.2
	Pentachlorobenzene	–	–	–	–	–	–	0.971 *	–	–	–	–	–	0.971
25	Oil and grease	12900	–	–	–	1640	–	5010	5610	570	–	–	–	25700
4a	Ammonia plus Ammonium	438000	696	12600	35800	1720	345000	49.8	1270	83	59.6	18700	2280	856000
	Total Kjeldahl Nitrogen	444000	907	16400	32200	3160	364000	–	4430	503	126	24300	2790	893000
4b	Nitrate+Nitrite	735000	733	11000	27100	559	707000	10400	15000	1770	695	17400	4450	1530000
5b	TOC, Total Organic Carbon	–	–	–	–	–	–	7120	–	–	–	–	–	7120
M1	Chlorides	940000	28300	12400	540000	31900	209000	6260	175000	20600	–	344000	121000	2430000
M3	Dissolved Solids	26400000	126000	4910000	9650000	1160000	19900000	117000	1860000	429000	109000	9210000	1470000	77600000
M4	Sulphates	14900000	47600	3330000	5770000	729000	12500000	4200	103000	13900	3720	5600000	754000	43700000
M5	Iron	6940	26.3	2680	1640	639	5210	1020	1410	245	102	6420	375	26700
M7	Uranium	1320	–	95.3	409	38.6	1090	8.09	157	19.7	4.46	368	17.6	3530
M8	Cyanide (WAD)	–	–	–	–	–	–	148	–	–	–	–	–	148

* Parameters with QA/QC concerns. Explanation is MISA Metal Mining Data Quality Evaluation Report (Appendix 3).

APPENDIX 9

LIST OF DIOXIN AND PCB MONITORING DATA

MISA Metal Mining Sector
12 - Month Monitoring Data
February 1, 1990 to January 31, 1991

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
2,3,7,8 TCDD	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000011 ug/L	<DL	201
RMDL = 0.00002 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000011 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00001 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000011 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00001 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000011 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000011 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00001 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000011 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00002 ug/L	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000011 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000011 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.00002 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000011 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000011 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0002 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000015 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000011 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000011 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000011 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000011 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000011 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Octachlorodibenzo–p–dioxin	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.00002 ug/L	<DL	201
RMDL = 0.00003 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.00002 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.00002 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.00002 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.00002 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00003 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.00002 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00003 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.00002 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.00002 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.000095 ug/L		211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.00002 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00002 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.00002 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00002 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0001 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000025 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.00002 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.00002 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.00002 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.00002 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.00002 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Octachlorodibenzofuran	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000022 ug/L	<DL	201
RMDL = 0.00003 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000022 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000022 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000022 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000022 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00003 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000022 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00003 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000022 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000022 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.00003 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000022 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00002 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000022 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00002 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0002 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000025 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000022 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000022 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000022 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000022 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000022 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total H6CDD	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000022 ug/L	<DL	201
RMDL = 0.00003 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000022 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000022 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000022 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000022 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00003 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000022 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.000019 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000022 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000022 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.000019 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000022 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000022 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0001 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000025 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000022 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000022 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000022 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000022 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000022 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total H6CDF	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000015 ug/L	<DL	201
RMDL = 0.00002 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000015 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00002 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000015 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00002 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000015 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000015 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00002 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000015 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00002 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000015 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000015 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.00002 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000015 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000015 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0002 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000015 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000015 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000015 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000015 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000015 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000015 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total H7CDD	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000017 ug/L	<DL	201
RMDL = 0.00003 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000017 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000017 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000017 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000017 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00003 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000017 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.000021 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000017 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000017 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.000021 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000017 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000017 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0001 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000025 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000017 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000017 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000017 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000017 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000017 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total H7CDF	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.00002 ug/L	<DL	201
RMDL = 0.00003 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.00002 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.00002 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00003 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.00002 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.00002 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00003 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.00002 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.000023 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.00002 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.00002 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.000023 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.00002 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.00002 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0001 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000025 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.00002 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.00002 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.00002 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.00002 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.00002 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
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February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total PCDD	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000019 ug/L	<DL	201
RMDL = 0.00002 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000019 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00002 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000019 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00002 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000019 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000019 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00002 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000019 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00002 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000019 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000019 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.00002 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000019 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000019 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0003 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.000015 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000019 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000019 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000019 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000019 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000019 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total PCDF	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000013 ug/L	<DL	201
RMDL = 0.000015 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000013 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.000015 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000013 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.000015 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000013 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000013 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.000015 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000013 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.000013 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000013 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000013 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.000013 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000013 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000013 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0003 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.00001 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000013 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000013 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000013 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000013 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000013 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total TCDD	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.000011 ug/L	<DL	201
RMDL = 0.00002 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.000011 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.00001 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.000011 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.00001 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.000011 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.000011 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.00001 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.000011 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00002 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.000011 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000011 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.00002 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.000011 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.000011 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0002 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.00002 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.000011 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.000011 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.000011 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.000011 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.000011 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
Total TCDF	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.0000075 ug/L	<DL	201
RMDL = 0.000015 ug/L	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.0000075 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.000015 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.0000075 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.000015 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.0000075 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.0000075 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.000015 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.0000075 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	18–Dec–90	0.00001 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.0003 ug/L *	<DL	201
	21 – Canamax, Bell Creek Mine	PR 0100	11–Sep–90	0.0000075 ug/L	<DL	211
	24 – Teck – Corona, David Bell Mine	PR 0100	12–Dec–90	0.000013 ug/L		211
	25 – Placer Dome, Detour Lake Mine	PR 0100	19–Aug–90	0.00001 ug/L	<DL	211
	27 – Placer Dome, Dona Lake Mine	PR 0100	24–Oct–90	0.0000075 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.00001 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	11–Sep–90	0.0000075 ug/L	<DL	201
	37 – Bond Gold, Muskegsagagagen Lake	PR 0100	17–Oct–90	0.00001 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.0003 ug/L *	<DL	211
	42 – Renabie Gold Mines	PR 0100	21–May–90	0.00001 ug/L	<DL	201
	52 – Rio Algom, Lacnor/Nordic	SW 0100	26–Mar–90	0.0000075 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.0000075 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.0000075 ug/L	<DL	211
	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.0000075 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.0000075 ug/L	<DL	238

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
PCBT	1 – INCO, Copper Cliff T.P.	PR 0100	04–Jun–90	0.1 ug/L	<DL	201
RMDL = 0.1 ug/L	1 – INCO, Copper Cliff T.P.	PR 0100	10–Sep–90	0.1 ug/L	<DL	201
	1 – INCO, Copper Cliff T.P.	PR 0100	12–Nov–90	0.1 ug/L	<DL	201
	1 – INCO, Copper Cliff T.P.	PR 0100	21–Jan–91	0.1 ug/L	<DL	201
	2 – INCO, Crean Hill Mine	MW 0100	06–Jun–90	0.1 ug/L	<DL	201
	2 – INCO, Crean Hill Mine	MW 0100	11–Sep–90	0.1 ug/L	<DL	201
	2 – INCO, Crean Hill Mine	MW 0100	13–Nov–90	0.1 ug/L	<DL	201
	2 – INCO, Crean Hill Mine	MW 0100	22–Jan–91	0.1 ug/L	<DL	201
	3 – Falconbridge, Falconbridge	PR 0100	20–Feb–90	0.1 ug/L	<DL	201
	3 – Falconbridge, Falconbridge	PR 0100	01–May–90	0.1 ug/L	<DL	201
	3 – Falconbridge, Falconbridge	PR 0100	21–Aug–90	0.1 ug/L	<DL	201
	3 – Falconbridge, Falconbridge	PR 0100	20–Nov–90	0.1 ug/L	<DL	201
	4 – INCO, Garson Mine	MW 0100	05–Jun–90	0.1 ug/L	<DL	201
	4 – INCO, Garson Mine	MW 0100	12–Sep–90	0.1 ug/L	<DL	201
	4 – INCO, Garson Mine	MW 0100	14–Nov–90	0.1 ug/L	<DL	201
	4 – INCO, Garson Mine	MW 0100	23–Jan–91	0.1 ug/L	<DL	201
	5 – Noranda Minerals, Geco Division	PR 0100	22–Mar–90	0.01 ug/L	<W	201
	5 – Noranda Minerals, Geco Division	PR 0100	20–Jun–90	0.01 ug/L	<W	201
	5 – Noranda Minerals, Geco Division	PR 0100	20–Sep–90	0.02 ug/L	<DL	201
	5 – Noranda Minerals, Geco Division	PR 0100	14–Nov–90	0.01 ug/L	<W	201
	6 – Falconbridge, Kidd Creek Mine	MW 0100	22–Feb–90	0.05 ug/L	<DL	201
	6 – Falconbridge, Kidd Creek Mine	MW 0100	07–Jun–90	0.05 ug/L	<DL	201
	6 – Falconbridge, Kidd Creek Mine	MW 0100	13–Sep–90	0.05 ug/L	<DL	201
	6 – Falconbridge, Kidd Creek Mine	MW 0100	07–Nov–90	0.05 ug/L	<DL	201

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
PCBT	7 – INCO, Levack Mine	MW 0100	06–Jun–90	0.1 ug/L	<DL	201
RMDL = 0.1 ug/L	7 – INCO, Levack Mine	MW 0100	11–Sep–90	0.1 ug/L	<DL	201
	7 – INCO, Levack Mine	MW 0100	03–Dec–90	0.1 ug/L	<DL	201
	7 – INCO, Levack Mine	MW 0100	22–Jan–91	0.1 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Feb–90	0.1 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	01–May–90	0.1 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	21–Aug–90	0.1 ug/L	<DL	201
	8 – Falconbridge, Lockerby	MW 0100	20–Nov–90	0.1 ug/L	<DL	201
	9 – Falconbridge, Metallurgical	PR 0100	21–Feb–90	0.05 ug/L	<DL	201
	9 – Falconbridge, Metallurgical	PR 0100	06–Jun–90	0.05 ug/L	<DL	201
	9 – Falconbridge, Metallurgical	PR 0100	12–Sep–90	0.05 ug/L	<DL	201
	9 – Falconbridge, Metallurgical	PR 0100	06–Nov–90	0.05 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	04–Jun–90	0.1 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	10–Sep–90	0.1 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	12–Nov–90	0.1 ug/L	<DL	201
	10 – INCO, Refinery, Sudbury	SR 0100	21–Jan–91	0.1 ug/L	<DL	201
	11 – INCO, Nolin Creek T.P.	SW 0100	04–Jun–90	0.1 ug/L	<DL	201
	11 – INCO, Nolin Creek T.P.	SW 0100	24–Sep–90	0.1 ug/L	<DL	201
	11 – INCO, Nolin Creek T.P.	SW 0100	12–Nov–90	0.1 ug/L	<DL	201
	11 – INCO, Nolin Creek T.P.	SW 0100	21–Jan–91	0.1 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Feb–90	0.1 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	01–May–90	0.1 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	21–Aug–90	0.1 ug/L	<DL	201
	12 – Falconbridge, Onaping	MW 0100	20–Nov–90	0.1 ug/L	<DL	201

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
PCBT	13 – INCO, Refinery, Port Colborne	SR 0100	05–Jun–90	0.1 ug/L	<DL	201
RMDL = 0.1 ug/L	13 – INCO, Refinery, Port Colborne	SR 0100	11–Sep–90	0.1 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	13–Nov–90	0.1 ug/L	<DL	201
	13 – INCO, Refinery, Port Colborne	SR 0100	22–Jan–91	0.1 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	05–Jun–90	0.1 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	11–Sep–90	0.1 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	13–Nov–90	0.1 ug/L	<DL	201
	14 – INCO, Shebandowan Mine	PR 0100	22–Jan–91	0.1 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Feb–90	0.1 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	01–May–90	0.1 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	21–Aug–90	0.1 ug/L	<DL	201
	15 – Falconbridge, Strathcona	PR 0100	20–Nov–90	0.1 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	05–Jun–90	0.1 ug/L	<DL	201
	16 – INCO, Whistle Mine	MW 0100	14–Nov–90	0.1 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	24–Jul–90	0.02 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	19–Sep–90	0.02 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	24–Oct–90	0.02 ug/L	<DL	201
	17 – Minnova, Winston Lake Mine	PR 0100	08–Jan–91	0.02 ug/L	<DL	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	11–Apr–90	0.01 ug/L	<W	211
	19 – Dickenson, Arthur W. White Mine	PR 0100	18–Jul–90	0.2 ug/L		211
	19 – Dickenson, Arthur W. White Mine	PR 0100	24–Oct–90	0.1 ug/L	<W	201
	19 – Dickenson, Arthur W. White Mine	PR 0100	22–Jan–91	0.01 ug/L	<W	201
	21 – Canamax, Bell Creek Mine	PR 0100	18–Sep–90	0.05 ug/L	<WE	211

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
PCBT	25 – Placer Dome, Detour Lake Mine	PR 0100	18–Feb–90	0.02 ug/L	<DL	211
RMDL = 0.1 ug/L	25 – Placer Dome, Detour Lake Mine	PR 0100	13–May–90	0.02 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	16–Aug–90	0.02 ug/L	<DL	211
	25 – Placer Dome, Detour Lake Mine	PR 0100	18–Nov–90	0.02 ug/L	<DL	211
	26 – Placer Dome, Dome Mine	PR 0100	12–Mar–90	0.02 ug/L	<DL	201
	26 – Placer Dome, Dome Mine	PR 0100	11–Jun–90	0.02 ug/L	<DL	201
	26 – Placer Dome, Dome Mine	PR 0100	11–Sep–90	0.02 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	30–Mar–90	0.02 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	27–Jun–90	0.02 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	26–Sep–90	0.02 ug/L	<DL	201
	28 – Eastmaque Gold Mines	PR 0100	19–Dec–90	0.02 ug/L	<DL	201
	29 – Giant Yellowknife, ERG Res.	PR 0100	15–Oct–90	0.02 ug/L	<DL	211
	32 – LAC Minerals, Macassa Division	PR 0100	27–Mar–90	0.02 ug/L	<DL	238
	32 – LAC Minerals, Macassa Division	PR 0100	26–Jun–90	0.02 ug/L	<DL	238
	32 – LAC Minerals, Macassa Division	PR 0100	25–Sep–90	0.02 ug/L	<DL	238
	35 – Canamax, Marhill Mine	MW 0100	20–Mar–90	0.05 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	20–Jun–90	0.05 ug/L	<DL	201
	35 – Canamax, Marhill Mine	MW 0100	18–Sep–90	0.05 ug/L	<WE	201
	35 – Canamax, Marhill Mine	MW 0100	11–Dec–90	0.05 ug/L	<DL	201
	36 – American Barrick, McDermott	PR 0100	23–Apr–90	0.05 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	MW 0100	29–Mar–90	0.05 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	06–Jun–90	0.05 ug/L	<DL	211
	38 – LAC Minerals, Williams Mine	PR 0200	12–Sep–90	0.22 ug/L		211

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
PCBT	39 – Giant Yellowknife, Pamour #1	PR 0100	28–Mar–90	0.02 ug/L	<DL	211
RMDL = 0.1 ug/L	39 – Giant Yellowknife, Pamour #1	PR 0100	16–May–90	0.02 ug/L	<DL	211
	39 – Giant Yellowknife, Pamour #1	PR 0100	16–Jul–90	0.02 ug/L	<DL	211
	39 – Giant Yellowknife, Pamour #1	PR 0100	15–Oct–90	0.02 ug/L	<DL	201
	39 – Giant Yellowknife, Pamour #1	PR 0200	15–Oct–90	0.02 ug/L	<DL	201
	46 – Algoma Steel, Ore Division	PR 0100	29–Mar–90	0.1 ug/L	<	201
	51 – Denison Mines, Denison Property	PR 0100	02–Apr–90	0.05 ug/L	<DL	201
	51 – Denison Mines, Denison Property	PR 0100	03–Jul–90	0.05 ug/L	<DL	201
	51 – Denison Mines, Denison Property	PR 0100	01–Oct–90	0.05 ug/L	<DL	201
	51 – Denison Mines, Denison Property	PR 0100	07–Jan–91	0.05 ug/L	<DL	201
	51 – Denison Mines, Denison Property	SW 0200	02–Apr–90	0.05 ug/L	<DL	211
	51 – Denison Mines, Denison Property	SW 0200	03–Jul–90	0.05 ug/L	<DL	211
	51 – Denison Mines, Denison Property	SW 0200	01–Oct–90	0.05 ug/L	<DL	211
	51 – Denison Mines, Denison Property	SW 0200	07–Jan–91	0.05 ug/L	<DL	211
	52 – Rio Algom, Lacnor/Nordic	SW 0100	09–Apr–90	0.05 ug/L	<DL	211
	52 – Rio Algom, Lacnor/Nordic	SW 0100	20–Jun–90	0.05 ug/L	<DL	211
	52 – Rio Algom, Lacnor/Nordic	SW 0100	24–Sep–90	0.05 ug/L	<DL	211
	52 – Rio Algom, Lacnor/Nordic	SW 0100	10–Dec–90	0.05 ug/L	<DL	211
	53 – Rio Algom, Panel	SR 0100	25–Mar–90	0.05 ug/L	<DL	238
	53 – Rio Algom, Panel	SR 0100	28–Jun–90	0.05 ug/L	<DL	201
	53 – Rio Algom, Panel	SR 0100	24–Sep–90	0.05 ug/L	<DL	201
	53 – Rio Algom, Panel	SR 0100	09–Dec–90	0.05 ug/L	<DL	238
	54 – Rio Algom, Pronto	SW 0100	26–Mar–90	0.05 ug/L	<DL	211
	54 – Rio Algom, Pronto	SW 0100	20–Jun–90	0.05 ug/L	<DL	211
	54 – Rio Algom, Pronto	SW 0100	10–Dec–90	0.05 ug/L	<DL	211

* Regulation method detection limit was not reached.

List of Dioxin and PCB Monitoring Data

MISA METAL MINING SECTOR
12–Month Monitoring Data
February 1, 1990 to January 31, 1991

Parameter	Company Identification	CtrlPt.	Date	Concentration	Remark	SType
PCBT	55 – Rio Algom, Quirke	PR 0100	25–Mar–90	0.05 ug/L	<DL	238
RMDL = 0.1 ug/L	55 – Rio Algom, Quirke	PR 0100	24–Jun–90	0.05 ug/L	<DL	238
	55 – Rio Algom, Quirke	PR 0100	24–Sep–90	0.05 ug/L	<DL	201
	55 – Rio Algom, Quirke	PR 0100	09–Dec–90	0.05 ug/L	<DL	238
	56 – Cameco, Refinery, Blind River	SR 0300	14–Mar–90	5 ug/L *	<	202
	56 – Cameco, Refinery, Blind River	SR 0300	20–Jun–90	0.05 ug/L	<DL	202
	56 – Cameco, Refinery, Blind River	SR 0300	17–Oct–90	0.05 ug/L	<DL	202
	56 – Cameco, Refinery, Blind River	SR 0300	16–Jan–91	500 ug/L *	<	202
	57 – Cameco, Refinery, Port Hope	SR 0100	20–Mar–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0100	19–Jun–90	0.09 ug/L	<	208
	57 – Cameco, Refinery, Port Hope	SR 0100	30–Oct–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0100	22–Jan–91	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0200	20–Mar–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0200	19–Jun–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0200	30–Oct–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0200	22–Jan–91	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0300	20–Mar–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0300	19–Jun–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0300	30–Oct–90	0.05 ug/L	<DL	208
	57 – Cameco, Refinery, Port Hope	SR 0300	22–Jan–91	0.05 ug/L	<DL	208
	58 – Rio Algom, Stanleigh	SR 0100	25–Mar–90	0.05 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	24–Jun–90	0.05 ug/L	<DL	238
	58 – Rio Algom, Stanleigh	SR 0100	24–Sep–90	0.05 ug/L	<DL	201
	58 – Rio Algom, Stanleigh	SR 0100	09–Dec–90	0.05 ug/L	<DL	238
	59 – Denison Mines, Stanrock	SW 0100	02–Apr–90	0.05 ug/L	<DL	211
	59 – Denison Mines, Stanrock	SW 0100	03–Jul–90	0.05 ug/L	<DL	211
	59 – Denison Mines, Stanrock	SW 0100	01–Oct–90	0.05 ug/L	<DL	211
	59 – Denison Mines, Stanrock	SW 0100	07–Jan–91	0.05 ug/L	<DL	211

* Regulation method detection limit was not reached.

APPENDIX 10

ACUTE LETHALITY DATA FOR ONTARIO'S METAL MINING SECTOR EFFLUENTS COVERING THE PERIOD FROM FEBRUARY 1990 TO JANUARY 1991

SUMMARY

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April, 1992

SUMMARY

Under the MISA program, the Metal Mining Sector was required to conduct laboratory toxicity tests to monitor its wastewater discharges for acute lethality to rainbow trout and to *Daphnia magna*. This requirement was based on the Ontario Environmental Protection Act, which allows the Ministry to write regulations requesting persons responsible for sources of contaminants to monitor, record and report to the Ministry. The requirements for toxicity testing are in the General Effluent Monitoring Regulation (Ontario Regulation 695/88) and in the Effluent Monitoring Regulation For The Ontario Mineral Industry Sector: Group A (Ontario Regulation 491/89). Some additional information is in, "The Development Document For The Effluent Monitoring Regulation For The Ontario Mineral Industry Sector: Group A" (Env. Ont. 1989). The monitoring data will be used, in part, to develop effluent limits for acute toxicity. This report is a compilation of the toxicity data for samples collected for the MISA monitoring year from February 1990 to January 1991, and for audit samples tested at the Ministry's laboratory in Rexdale. It also includes data from a few inspection samples taken between February, 1991 and October, 1991.

The regulatory toxicity tests were conducted by standard procedures (Protocol To Determine The Acute Lethality Of Liquid Effluents To Fish, Env. Ont. July 1983 and *Daphnia magna* Acute Lethality Toxicity Test Protocol, Env. Ont. April 1988). In these tests, the organisms are exposed to undiluted effluent and several effluent dilutions for a fixed period. The trout toxicity test is a 96 hour exposure, and a *Daphnia* toxicity test is a 48 hour exposure. The number of organisms that died is the toxic effect that is recorded. The quantitative measure of toxicity is the median lethal concentration (LC50) which is the concentration of effluent estimated to cause mortality to 50% of the test organisms.

The frequency of sampling was quarterly for all sites, however, exploration sites and sites with intermittent discharges were exempted from all or part of their sampling requirements.

The following sites were missing samples for part of the year because they had intermittent discharges: Kidd Creek Mine, Kidd Township, 4th quarter; Whistle, Sudbury, 1st and 3rd quarters; Bell Creek, Timmins, 1st, 2nd, and 3rd quarters; Dome Mine, Timmins, 4th quarter; ERG Resources, Timmins, 1st, 2nd, and 3rd quarters; Renabie Gold Mines Ltd., Renabie, 1st quarter; St. Andrews Gold Fields, Stock Township, 1st, 2nd, and 3rd quarters; Algoma Ore Division, Wawa, 3rd and 4th quarters; Dona Lake Mine, Pickle Lake, 4th quarter; Golden Giant Mine, Hemlo, 1st, 2nd, and 3rd quarter; Arthur W. White, Golden Township, 1st quarter; Pronto, Spragge, 3rd quarter.

The following sites were listed in the monitoring regulation but: A) were not required to perform toxicity testing because of their exploration development status in the monitoring regulation; or B) did not have enough discharge volume to sample at any time of the year; or C) suspended mining activities before the regulation came into effect; or D) did not submit toxicity results due to unexpected economic or legal circumstances: Aquarius Mine, Timmins;

Ateba Mines Ltd., Beardmore; Aunor-Delnite, Timmins; Broulan Reef, Timmins; Chesbar Resources Inc., Chester Township; Citadel Gold Mines Inc., McMurray Township; Jerome Mine, Osway Township; Magnet Mine, Errington Township; Majino Mine, Finan Township; Mishibishu Lake, Wawa; Opamisken Lake, Pickle Lake; Owl Creek Mine, Timmins; Ross Mine, Timmins; Scadding Mine, Scadding Township; Leroy Project, Gowanda; Penna Mine, Coleman Township; Magnacon Mine, Wawa, Paymaster Gold Mines Ltd., South Porcupine.

Toxicity test results from 10 samples were submitted by dischargers but were not put into the database because either the test protocol was not followed (4 tests including samples with minor violations of the test protocol from Metallurgical Site, Falconbridge Ltd., Hoyle Township; Renabie Gold Mines, Renabie; Refinery, Cameco, Blind River; David Bell Mine, Hemlo) or there were electronic problems with the submission (6 tests including samples from Kidd Creek Mine, Kidd Township; Metallurgical Site, Falconbridge Ltd., Hoyle Township; Refinery, Cameco, Blind River where the trout and Daphnia data were submitted on the same disk and they could not be loaded).

The monitoring occurred at 51 sampling locations at 46 sites. For 11 sites, samples were consistently lethal to one or both of the test animals. For 6 sites, samples were frequently, but not always lethal to one or both animals. For 14 sites, samples were sometimes lethal to one or both of the test animals. From the remaining 15 sites, samples were normally non-lethal to both animals. For the period of February, 1990 to October, 1991, the Ministry reviewed the results for 217 trout and 212 *Daphnia* tests. For trout: 118 samples were nonlethal, 38 samples had LC50s $>$ 100% effluent and 61 samples were lethal (LC50 $<$ 100% effluent). For *Daphnia*: 91 samples were nonlethal, 57 samples had LC50s $>$ 100% effluent and 64 samples were lethal (LC50 $<$ 100% effluent).

The Ministry of the Environment's Aquatic Toxicity Unit performed 103 audit tests over the monitoring period, and found that the results of audits were generally consistent with the results submitted by industry. The differences that were observed between the results can be explained primarily by variability in effluent quality; the audits were not tests of split samples.

A preliminary interpretation of the toxicity results, concerning the possible causes of acute lethality, is given below. The Toxicity Test Reports for the samples, reports summarizing the analytical chemistry data for each process effluent, as well as plots from the electronic database were used for this purpose.

BASE METAL MINES CONCENTRATORS AND REFINERIES

The final discharge of the Copper Cliff Treatment Plant, Inco, Sudbury; the final discharge at Geco Division, Noranda Minerals, Manitouwadge; the minewater discharge of the Kidd Creek Mine, Falconbridge Ltd., Kidd Township; the minewater at the Levack site, Inco Ltd., Sudbury; the discharge from the mine pond at the Onaping mine, Falconbridge Ltd., Sudbury; and the final discharge of the refinery, Inco Ltd., Port Colborne were all frequently lethal to trout. In all but the Onaping mine, copper levels alone were high enough (above 0.1 mg/L) to explain at least part of the observed toxicity to trout (Provincial Water Quality Objective Development Document for Copper, MOE, unpublished). In all but Geco, pH levels were high enough (above 10) to cause acute lethal effects on trout. Ammonia (at Geco and Onaping), zinc (at Kidd Creek) and nickel (at Levack) are other effluent constituents of these effluents that may have contributed to the toxicity to trout.

The final discharge at Geco Division, Noranda Minerals, Manitouwadge; the minewater discharge of the Kidd Creek Mine, Falconbridge Ltd., Kidd Township; the discharge from the mine pond at the Onaping mine, Falconbridge Ltd., Sudbury; the minewater at the Whistle mine, Inco Ltd., Sudbury; and the final discharge of the refinery, Inco Ltd., Port Colborne were all frequently lethal to *Daphnia*. Except for the Whistle mine, which was probably lethal to *Daphnia* due to high pH, all the other discharges had high enough levels of copper (>0.1mg/L) to explain at least part of the observed toxicity to *Daphnia*. In all but Geco, pH levels were high enough (above 10) to cause acute lethal effects on *Daphnia*. Ammonia (at Geco and Onaping) and zinc (at Kidd Creek) are other constituents of these effluents that may have contributed to the toxicity to *Daphnia*.

There were some samples toxic to either test animal from several of the other base metal mines and refineries. The small number of samples coupled with the variability of effluent quality from one sampling time to the next does not provide data sufficient to identify the toxic chemicals. Samples from the Nickel Refinery, Inco, Sudbury and from the Nickel Refinery, Falconbridge, Sudbury caused an unusual form of toxicity to *Daphnia*, called in the rest of this document "bell" shaped toxicity. Typically, at full strength effluent none of the animals die but when diluted slightly, some animals die, then when diluted further more animals survive. The substances causing this are unknown but it should be noted that a single concentration (full strength effluent) test would miss this toxicity

GOLD MINES, CONCENTRATORS AND SMELTERS

The final discharge to Balmer Creek at the Arthur W. White Mine, Dickenson Mines, Golden Township (the same discharge as Campbell Red Lake Mine, Placer Dome) was frequently lethal to *Daphnia*, and on one occasion lethal to trout. This could be explained by copper levels in excess of 0.3 mg/L. Also, arsenic levels in excess of 0.6 mg/L could account for the *Daphnia* lethality. The final discharge at Renabie Gold Mines Ltd., Renabie was frequently lethal to both trout and *Daphnia*. The probable cause was copper in excess of 0.1 mg/L. Zinc and cyanide could also have contributed to the toxicity. The final discharge of the Detour Lake Mine, Placer Dome Inc., Detour Lake was consistently lethal to *Daphnia* and trout. The samples were normally more toxic to *Daphnia* than to trout. The copper levels were normally above 0.1 mg/L and frequently above 0.3 mg/L. Cyanide may also have contributed to the toxicity. The final discharge of the Dome Mine, Placer Dome Inc., Timmins was consistently lethal to *Daphnia* but not to trout. The reason is unclear, but copper in excess of 0.1 mg/L was measured.

There were some samples toxic to either test animal from several of the other gold mines. The small number of samples coupled with the temporal variability in the effluents does not provide enough data to judge the causes of toxicity. One sample from each of the final discharges from the Muskegsagagen Lake mine, Bond Gold Canada, District of Kenora and the final discharge from the Dona Lake Mine, Placer Dome Inc., Pickle Lake had "bell" shaped toxicity curves.

IRON MINES

All samples from Algoma Ore Division, Algoma Steel Corporation, Wawa were non-lethal to both animals.

URANIUM MINES AND REFINERIES

Except for one sample in January 1991 from the Denison Property, Denison Mines Ltd., Elliot Lake, that was lethal to both animals, the final discharge was normally non-lethal. Quirke is sometimes lethal to either animal. One of the Daphnia tests had a "bell" shaped toxicity curve. The refinery, (Cameco) in Blind River was normally lethal to both animals. The cause for this was unclear but the refinery discharge does have high levels of oil and grease. The other refinery in Port Hope was consistently non-lethal to both animals. The Stanleigh site, Rio Algom Ltd., was normally non-lethal to both animals, although one sample had a "bell" shaped toxicity curve to *Daphnia* (see previous discussion). The Stanrock property, Denison Mines was normally non-lethal to trout and *Daphnia* but had one toxic sample to trout and two to *Daphnia*. The cause for this is unknown.

CONCLUSIONS

For some samples, *Daphnia* were more sensitive than trout but there were many samples for which the reverse was true. Of the toxic samples from the sector as a whole, about 50 % of the samples were more toxic to trout and the other 50% were more toxic to *Daphnia*. Samples from some sites were more toxic to one animal than to the other but for many other sites, the relative sensitivity of the two animals reverses from one sample to the next, probably due to variations in effluent quality over time. The toxicity database for the Metal Mining Sector shows that tests of both species are needed to better assess and control the potential impact of these complex and variable effluents on the aquatic environment.

Reduction in pH to below 10 and reduction in copper levels to below 0.1 mg/L would do the most to eliminate acute lethality. Since small adjustments of pH can greatly alter the toxicity of many substances even near neutral pH levels, reduction of toxicity by pH adjustment may only be valuable for effluents outside acceptable pH ranges. Effluents that already have acceptable pH levels may actually increase in toxicity if they are adjusted. The impact of pH cannot be separated from that of the other toxicants because it can have a direct toxic action and a modifying effect on the physical, chemical and toxic properties of other effluent constituents.

The relationship of pH to metal toxicity is complex.. There is evidence in the toxicity literature that when measured as total metal, the toxicity of heavy metals tends to increase with decreasing pH in the range of 9 to 7. Recent studies have shown that this can be explained by the overriding change in physical form of the metals towards hydroxides and carbonates that occurs as pH rises from 7 to 9 (Bradley and Sprague, 1987. Can. J. Fish. and Aquatic Sci., 42: 730). In fact, the toxicity of the most toxic forms (dissolved metal ions and hydroxides) actually **decreases** with decreasing pH from 9 to 7. For copper, LC50s regardless of speciation tend to be below 0.1 mg/L at high pH. Unfortunately, none of the literature on metal toxicity deals with pH above 9 so that the impact of pH adjustment should be investigated on a site by site basis. It is clear, however, that pH itself is acutely lethal above 10 and causes sublethal effects above 9. It is also clear that copper above 0.1 mg/L can be lethal depending on conditions and is almost always lethal above 0.3 mg/L (Howarth and Sprague, 1977. Water Research, 12: 455). There were only 3 individual samples for the whole sector where the sample was non-lethal to trout yet the copper concentration measured on the same day was over 0.3 mg/L.

Ammonia is a common toxicant at a number of the sites in the metal mining sector. A review of acute lethality in relation to total ammonia is difficult since even ammonia values that the toxicological literature predicts would be acutely lethal do not always result in acute lethality in these tests. It is possible that ammonia is being lost during shipping for the toxicity tests or that some mitigating factor is present in the effluent mixtures. There are a few sites where ammonia values are so high that they are probably at least contributing to the acute lethality observed. These sites have been mentioned above.

The toxicity tests will detect harmful concentrations and mixtures of most chemical constituents of effluents. But compliance with end-of-pipe limits for acute toxicity would not necessarily control the potential effects of environmental contamination that can be caused by the loading of bioaccumulative substances. These substances are generally nonpolar organic chemicals of high molecular weight and low water solubility or metals such as mercury which accumulate in their organic forms or cadmium which can cause permanent damage at sublethal levels accumulating over the life span of aquatic animals. Neither mercury or cadmium were identified as major problems for this sector in Ontario.

The body of this report presents the summaries of the acute lethality data, grouped by company. These summary pages are part of the complete database, that includes the Toxicity Test Report submitted by industry for each test sample. The details from the database are available from the Water Resources Branch, upon request. The comment fields on individual Toxicity Test Reports were entered by the industry's laboratory performing the tests, and should not be expected to be consistent across samples and do not necessarily represent the views of the Ministry.

APPENDIX 11

TABLE 1 - PROVINCIAL WATER QUALITY OBJECTIVES AND GUIDELINES - JULY 1991

TABLE 1 - PROVINCIAL WATER QUALITY OBJECTIVES AND GUIDELINES - JULY 1991

SUBSTANCE	CAS	PWQO/G STATUS	VALUE (µg/L)
1,1,2,2-tetrachloroethane	79345	PROPOSED PWQG	50
1,1,2-trichloroethane	79005	PROPOSED PWQG	800
1,1-dichloroethane	75343	PROPOSED PWQG	200
1,1-dichloroethylene	75354	PROPOSED PWQG	40
1,2,3,4-tetrachlorobenzene	634662	PWQO	0.1
1,2,3,5-tetrachlorobenzene	634902	PWQO	0.1
1,2,3-trichlorobenzene	87616	PWQO	0.9
1,2,4,5-tetrachlorobenzene	95943	PWQO	0.15
1,2,4-trichlorobenzene	120821	PWQO	0.5
1,2-dichlorobenzene	95501	PWQO	2.5
1,2-dichloroethane	107062	PROPOSED PWQG	90
1,3,5-trichlorobenzene		PWQO	0.65
1,3-dichlorobenzene	541731	PWQO	2.5
1,3-dimethylnaphthalene	N/A	PROPOSED PWQG	0.09
1,4-dichlorobenzene	106467	PWQO	4
1-methylnaphthalene	90120	PROPOSED PWQG	2
2,3,4,5-tetrachlorophenol	4901513	PWQO	1
2,3,4,6-tetrachlorophenol	58902	PWQO	1
2,3,4-trichlorophenol	15950660	PWQO	18
2,3,5,6-tetrachlorophenol	935955	PWQO	1
2,3,5-trichlorophenol	933788	PWQO	18
2,3,7,8-tetrachlorodibenzo-p-dioxin	1746016	PROPOSED PWQG	0.02 pg/L
2,3,7,8-tetrachlorodibenzo-p-furan		PROPOSED PWQG	0.2 pg/L
2,4,5-trichlorophenol	95954	PWQO	18
2,4,6-trichlorophenol	88062	PWQO	18
2,4-D (BEE)		PWQO	4
2,4-dichlorophenol	120832	PWQO	0.2
2,4-dimethylphenol	105679	PROPOSED PWQG	10.5
2,4-dinitrotoluene	121142	PROPOSED PWQG	4
2,6-dichlorophenol	87650	PWQO	0.2
2,6-dimethylnaphthalene		PROPOSED PWQG	0.02
2,6-dimethylphenol	576261	PROPOSED PWQG	8.4
2,6-dinitrotoluene	606202	PROPOSED PWQG	3
2-methylnaphthalene	91576	PROPOSED PWQG	2
2-nitrophenol	88755	PROPOSED PWQG	0.5
3,4-dimethylphenol	95658	PROPOSED PWQG	17.5
3-nitrophenol		PROPOSED PWQG	22
4,6-dinitro-o-cresol	534521	PROPOSED PWQG	0.2
4-nitrophenol	100027	PROPOSED PWQG	48
abietic acid	514103	PWQG (j)	(a), (j)
Aldrin/Dieldrin		PWQO	0.001
alkalinity		PWQO	no decrease >25%
aluminum	7429905	PWQG	(a)
ammonia (unionized)		PWQO	20
aniline	62533	PROPOSED PWQG	2
antimony	7440360	PROPOSED PWQG	7

TABLE 1 - PROVINCIAL WATER QUALITY OBJECTIVES AND GUIDELINES - JULY 1991

SUBSTANCE	CAS	PWQO/G STATUS	VALUE (µg/L)
Aroclor 1016	12674112	PWQO (j)	(j)
Aroclor 1221	11104282	PWQO (j)	(j)
Aroclor 1232	11141165	PWQO(j)	(j)
Aroclor 1242	53469219	PWQO (j)	(j)
Aroclor 1248	12672296	PWQO (j)	(j)
Aroclor 1254	11097691	PWQO (j)	(j)
Aroclor 1260	11096825	PWQO (j)	(j)
arsenic	7440382	PWQO	100
benzene	71432	PROPOSED PWQG	100
beryllium	7440417	PWQO	(a)
bis(2-ethylhexyl)phthalate	117817	PWQO (f)	(f)
cadmium	7440439	PWQO	0.2
cadmium (revised)	7440439	PROPOSED PWQO	(a)
Chlordane		PWQO	0.06
chlorine		PWQO	0.002 mg/L
chlorobenzene (monochlorobenzene)	108907	PWQO	15
chromium	7440473	PWQO	100
cis-1,2-dichloroethylene	156592	PROPOSED PWQG	200
cobalt	7440484	PROPOSED PWQG	0.4
copper	7440508	PWQO	5
copper (revised)	7440508	PROPOSED PWQO	(a)
cyanide (free)		PWQO	5
Dalapon		PWQO	110
DDT & metabolites		PWQO	0.003
dehydroabietic acid	1740198	PWQG	(a)
Di-n-butylphthalate	84742	PWQO (g)	(g)
di-n-butyltin		PROPOSED PWQG	0.08
di-n-octylphthalate	117840	PWQO	(h)
Diazinon		PWQO	0.08
dibutylphthalate		PWQO	4
Dicamba		PWQO	200
dichlorophenol		PWQO	0.2
diethylhexylphthalate		PWQO	0.6
diethylphthalate (DEP)	84662	PWQO	(h)
dimethylphenols (ISOMER NONSPECIFIC)	1300716	PROPOSED PWQG	(c)
dimethylphthalate	131113	PWQO	(h)
Diquat		PWQO	0.5
dissolved gases		PWQO	<110 % sat. value
dissolved oxygen		PWQO	(a)
Diuron		PWQO	1.6
Dursban		PWQO	0.001
Endosulphan		PWQO	0.003
Endrin		PWQO	0.002
ethylbenzene	100414	PROPOSED PWQG	8
Fenthion		PWQO	0.006
Guthion		PWQO	0.005

TABLE 1 - PROVINCIAL WATER QUALITY OBJECTIVES AND GUIDELINES - JULY 1991

SUBSTANCE	CAS	PWQO/G STATUS	VALUE (µg/L)
Heptachlor & Heptachlor epoxide		PWQO	0.001
hexachlorobenzene	118741	PWQO	0.0065
hexachlorobutadiene	87683	PROPOSED PWQG	0.008
hexachloroethane	67721	PROPOSED PWQG	0.5
hydrogen sulphide	7783064	PWQO	2
iron		PWQO	300
isopimaric acid	5835267	PWQG (j)	(a), (j)
lead	7439921	PWQO	(a)
lead (revised)	7439921	PROPOSED PWQO	(a)
levopimaric acid	79549	PWQG (j)	(a), (j)
Lindane (gamma - 1,2,3,4,5,6-hexachlorocyclohexane)	58899	PWQO	0.01
m-cresol	108394	PROPOSED PWQG	1
m-dinitrobenzene		PROPOSED PWQG	1
m-xylene	108383	PROPOSED PWQG	2
Malathion		PWQO	0.1
mercury	7439976	PWQO	0.2
Methoxychlor		PWQO	0.04
Mirex		PWQO	0.001
molybdenum	7439987	PROPOSED PWQG	10
monochlorobenzene (chlorobenzene)		PWQO	15
monochlorophenol		PWQO	7
neoabietic acid	471772	PWQG (j)	(a), (j)
nickel	7440020	PWQO	25
nitrobenzene	98953	PROPOSED PWQG	0.02
o-chlorophenol (2-chlorophenol)	95578	PWQO	(d)
o-cresol	95487	PROPOSED PWQG	1
o-dinitrobenzene		PROPOSED PWQG	1
o-xylene	95476	PROPOSED PWQG	40
OIL & GREASE		PWQO	(a)
p-cresol	106445	PROPOSED PWQG	1
p-dinitrobenzene		PROPOSED PWQG	2
p-xylene	106423	PROPOSED PWQG	30
palustric acid		PWQG (j)	(a), (j)
Parathion		PWQO	0.008
pentachlorobenzene	608935	PWQO	0.03
pentachlorophenol	87865	PWQO	0.5
pH		PWQO	6.5-8.5
phenol (monohydroxybenzene)		PROPOSED PWQG	5
phenols	108952	PWQO	1
phosphorus, total		PWQG	(a)
phthalates, other		PWQO	0.2
pimaric acid	127275	PWQG (j)	(a), (j)
polychlorinated biphenyl		PWQO	0.001 (j)
Pyrethrum		PWQO	0.01
Radionuclides		PWQO	(a)
resin acids, total		PWQG	(a)

TABLE 1 - PROVINCIAL WATER QUALITY OBJECTIVES AND GUIDELINES - JULY 1991

SUBSTANCE	CAS	PWQO/G STATUS	VALUE (µg/L)
sandaracopimaric acid		PWQG (j)	(a), (j)
selenium	7782492	PWQO	100
silver	7440224	PWQO	0.1
Simazine		PWQO	10
STRONTIUM	7440246	PROPOSED PWQG	7
Styrene	100425	PROPOSED PWQG	4
SWIMMING AND BATHING		PWQO	(a)
TEMPERATURE		PWQO	(a)
Tetrachloroethylene	127184	PROPOSED PWQG	50
tetrachlorophenol		PWQO	1
Tetraethyl lead	78002	PROPOSED PWQG	0.0007
Tetramethyl lead	76741	PROPOSED PWQG	0.006
Thallium	7440280	PROPOSED PWQG	0.3
Toluene	108883	PROPOSED PWQG	0.8
TOXAPHENE		PWQO	0.008
trans-1,2-Dichloroethylene	156605	PROPOSED PWQG	200
Tributyltin		PROPOSED PWQG	0.00004
Trichloroethylene	79016	PROPOSED PWQG	2
trichlorophenols		PWQO	18
Triethyl lead		PROPOSED PWQG	0.4
Triethyltin		PROPOSED PWQG	0.01
Triphenyltin		PROPOSED PWQG	0.001
TURBIDITY		PWQO	<10% secchi disk Δ
Vanadium	7440622	PROPOSED PWQG	7
Zinc	7440666	PWQO	16

TABLE 1: PROVINCIAL WATER QUALITY OBJECTIVES AND GUIDELINES - JULY 1991

LEGEND

(a) PWQO/G is either a narrative, or dependent on pH, alkalinity, or hardness; see Blue Book Table 1 and tables below
(c) proposed PWQG's are available for some isomers of dimethylphenol
(d) PWQO is for MONOCHLOROPHENOL (7 µg/L)
(f) PWQO is for DIETHYLHEXYLPHTHALATE (0.6 µg/L)
(g) PWQO is for DIBUTYLPHTHALATE (4.0 µg/L)
(h) PWQO is for OTHER PHTHALATES (0.2 µg/L)
(j) PWQO/G is available for total PCB's, for total resin acids and for DHA, but not other individual isomers
PWQG = Provincial Water Quality Guideline
PWQO = Provincial Water Quality Objective

ALUMINUM, PHOSPHORUS AND RESIN ACID GUIDELINES

PARAMETER	PROVINCIAL WATER QUALITY GUIDELINE
ALUMINUM, INORGANIC MONOMERIC	0.015 mg/L, at pH 4.5 to 5.5 measured in clay-free samples
ALUMINUM, ACID SOLUBLE INORGANIC	<10% increase above avge. background at pH>5.5-6.5 in clay free samples
ALUMINUM, TOTAL	0.075 mg/L at pH 6.5-9.0 measured in clay free samples
DEHYDROABIETIC ACID	see footnote 1
RESIN ACIDS, TOTAL	see footnote 1
PHOSPHORUS, TOTAL	To avoid nuisance algae concentrations in lakes, total P should not exceed 20 µg/L
	To protect against aesthetic deterioration in lakes, total P should not exceed10 µg/L
	To avoid excess plant growth in rivers & streams, total P should not exceed 30 µg/L

(1) Total resin acids and DHA are pH dependent as shown below:

Receiving water pH	DHA (µg/L)	Total Resin Acids (µg/L)
5	1	1
5.5	1.9	3
6	2.5	4
6.5	4.2	9
7	8	25
7.5	11.8	45
8	12.9	52
8.5	14	60
9	14.3	62

PROPOSED METAL PWQO/G		
SUBSTANCE	HARDNESS (mg/L)	PROPOSED PWQO/G (µg/L)
CADMIUM	0 - 100	0.15
	> 100	0.45
COPPER	0 - 20	1
	> 20	5
LEAD	0 -30	1
	30 -80	3
	> 80	5